

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070824\
 Data File : VD079341.D
 Acq On : 08 Jul 2024 14:26
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/09/2024
 Supervised By :Semsettin Yesilyurt 07/09/2024

Quant Time: Jul 08 16:23:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 16:22:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	164138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	308262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	286293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	132150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	10824	5.517	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	11.040%#		
35) Dibromofluoromethane	7.810	113	11704	5.360	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.720%#		
50) Toluene-d8	10.263	98	41427	4.973	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	9.940%#		
62) 4-Bromofluorobenzene	12.569	95	12233	4.771	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	9.540%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	8219	5.335	ug/l	96
3) Chloromethane	2.146	50	9824	4.693	ug/l #	85
4) Vinyl Chloride	2.275	62	9093	4.213	ug/l	96
5) Bromomethane	2.681	94	7004	4.697	ug/l	100
6) Chloroethane	2.834	64	5133	4.410	ug/l	90
7) Trichlorofluoromethane	3.169	101	16394	5.307	ug/l #	78
8) Diethyl Ether	3.587	74	4412	4.566	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.952	101	10090	5.235	ug/l #	87
10) Methyl Iodide	4.158	142	8210	3.969	ug/l #	98
11) Tert butyl alcohol	5.069	59	3084	24.525	ug/l #	86
12) 1,1-Dichloroethene	3.934	96	9081	4.775	ug/l	90
13) Acrolein	3.805	56	3728	23.923	ug/l	94
14) Allyl chloride	4.552	41	9961	4.124	ug/l	91
15) Acrylonitrile	5.263	53	9953	22.198	ug/l	99
16) Acetone	4.028	43	8027	21.660	ug/l	91
17) Carbon Disulfide	4.263	76	30510	5.044	ug/l #	88
18) Methyl Acetate	4.563	43	5237	4.468	ug/l	88
19) Methyl tert-butyl Ether	5.310	73	17749	4.246	ug/l #	72
20) Methylene Chloride	4.799	84	25723	6.173	ug/l	91
21) trans-1,2-Dichloroethene	5.305	96	10181	4.817	ug/l #	81
22) Diisopropyl ether	6.210	45	22153	4.069	ug/l #	86
23) Vinyl Acetate	6.152	43	81971	19.872	ug/l	96
24) 1,1-Dichloroethane	6.116	63	17988	4.864	ug/l	92
25) 2-Butanone	7.093	43	11458	21.962	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	15842	5.096	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	11215	4.568	ug/l	89
28) Bromochloromethane	7.422	49	8866	5.600	ug/l	81
29) Tetrahydrofuran	7.446	42	6597	20.899	ug/l #	83
30) Chloroform	7.599	83	19262	4.967	ug/l	95
31) Cyclohexane	7.875	56	15780	5.364	ug/l #	80
32) 1,1,1-Trichloroethane	7.793	97	16072	4.966	ug/l	97
36) 1,1-Dichloropropene	8.004	75	12116	4.422	ug/l	96
37) Ethyl Acetate	7.157	43	1305	1.098	ug/l #	42
38) Carbon Tetrachloride	7.987	117	13645	4.699	ug/l	96
39) Methylcyclohexane	9.269	83	14733	4.711	ug/l	96
40) Benzene	8.251	78	39773	4.540	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070824\
 Data File : VD079341.D
 Acq On : 08 Jul 2024 14:26
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/09/2024
 Supervised By :Semsettin Yesilyurt 07/09/2024

Quant Time: Jul 08 16:23:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 16:22:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	2794	4.696	ug/l #	80
42) 1,2-Dichloroethane	8.328	62	8915	4.171	ug/l	98
43) Isopropyl Acetate	8.357	43	8716	4.054	ug/l #	75
44) Trichloroethene	9.022	130	10077	4.809	ug/l	91
45) 1,2-Dichloropropane	9.304	63	9516	4.434	ug/l	94
46) Dibromomethane	9.393	93	5436	4.311	ug/l	90
47) Bromodichloromethane	9.581	83	13195	4.270	ug/l #	99
48) Methyl methacrylate	9.375	41	4342	4.563	ug/l #	79
49) 1,4-Dioxane	9.387	88	1187	83.871	ug/l #	78
51) 4-Methyl-2-Pentanone	10.157	43	22402	19.466	ug/l	96
52) Toluene	10.334	92	23561	4.414	ug/l	95
53) t-1,3-Dichloropropene	10.545	75	11582	4.203	ug/l	99
54) cis-1,3-Dichloropropene	10.010	75	13937	4.219	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	8018	4.743	ug/l #	76
56) Ethyl methacrylate	10.598	69	7547	3.884	ug/l	99
57) 1,3-Dichloropropane	10.881	76	12160	4.409	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	21355	24.096	ug/l	93
59) 2-Hexanone	10.922	43	15530	18.916	ug/l	94
60) Dibromochloromethane	11.075	129	10025	4.627	ug/l	98
61) 1,2-Dibromoethane	11.175	107	7079	4.464	ug/l	95
64) Tetrachloroethene	10.804	164	8338	5.041	ug/l	92
65) Chlorobenzene	11.604	112	28568	4.782	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	9417	4.689	ug/l	96
67) Ethyl Benzene	11.681	91	41799	4.268	ug/l	99
68) m/p-Xylenes	11.787	106	32555	8.631	ug/l	91
69) o-Xylene	12.116	106	14002	3.977	ug/l	78
70) Styrene	12.128	104	23549	3.739	ug/l #	89
71) Bromoform	12.304	173	5521	4.749	ug/l #	92
73) Isopropylbenzene	12.416	105	37815	4.382	ug/l	100
74) N-amyl acetate	12.228	43	7827	3.997	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	9230	4.944	ug/l	92
76) 1,2,3-Trichloropropane	12.716	75	7621m	6.288	ug/l	
77) Bromobenzene	12.698	156	9990	4.850	ug/l	86
78) n-propylbenzene	12.757	91	45720	4.230	ug/l	98
79) 2-Chlorotoluene	12.845	91	27740	4.462	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	30058	4.105	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	2668	3.980	ug/l #	87
82) 4-Chlorotoluene	12.945	91	28432	4.282	ug/l	95
83) tert-Butylbenzene	13.163	119	25054	4.131	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	28780	3.885	ug/l	95
85) sec-Butylbenzene	13.339	105	39410	4.207	ug/l	94
86) p-Isopropyltoluene	13.457	119	32050	4.168	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	19906	4.567	ug/l	89
88) 1,4-Dichlorobenzene	13.534	146	21213	4.795	ug/l	89
89) n-Butylbenzene	13.786	91	34883	4.622	ug/l	94
90) Hexachloroethane	14.045	117	9293	5.324	ug/l	88
91) 1,2-Dichlorobenzene	13.828	146	17300	4.454	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1167	4.476	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	9632	4.498	ug/l	92
94) Hexachlorobutadiene	15.198	225	6042	5.249	ug/l	92
95) Naphthalene	15.333	128	19237	4.410	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	7968	4.162	ug/l	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070824\
Data File : VD079341.D
Acq On : 08 Jul 2024 14:26
Operator : RP/MD
Sample : VSTDICC005
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/09/2024
Supervised By :Semsettin Yesilyurt 07/09/2024

Quant Time: Jul 08 16:23:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 16:22:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070824\
 Data File : VD079341.D
 Acq On : 08 Jul 2024 14:26
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 07/09/2024
 Supervised By : Semsettin Yesilyurt 07/09/2024

Quant Time: Jul 08 16:23:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 16:22:14 2024
 Response via : Initial Calibration

