

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093024\
 Data File : VD079942.D
 Acq On : 30 Sep 2024 17:42
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/01/2024
 Supervised By : Mahesh Dadoda 10/01/2024

Quant Time: Oct 01 05:06:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D093024S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 05:04:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	123020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	211068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	191203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	8989	6.418	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	12.840%#		
35) Dibromofluoromethane	7.811	113	7405	5.313	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.620%#		
50) Toluene-d8	10.263	98	27401	4.988	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	9.980%#		
62) 4-Bromofluorobenzene	12.569	95	9647	6.003	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	12.000%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	8060	5.678	ug/l	78
3) Chloromethane	2.146	50	11793	5.268	ug/l	94
4) Vinyl Chloride	2.281	62	16007	5.608	ug/l #	87
5) Bromomethane	2.693	94	14417	6.678	ug/l	99
6) Chloroethane	2.834	64	10349	5.210	ug/l #	74
7) Trichlorofluoromethane	3.175	101	15382	5.863	ug/l	96
8) Diethyl Ether	3.593	74	3846m	5.294	ug/l	
9) 1,1,2-Trichlorotrifluo...	3.975	101	9254	6.096	ug/l #	70
10) Methyl Iodide	4.158	142	6847	4.549	ug/l	96
11) Tert butyl alcohol	5.058	59	1873m	26.882	ug/l	
12) 1,1-Dichloroethene	3.946	96	7739	5.106	ug/l #	87
13) Acrolein	3.805	56	4884	31.887	ug/l #	80
14) Allyl chloride	4.564	41	10799m	5.491	ug/l	
15) Acrylonitrile	5.252	53	9134	28.275	ug/l #	88
16) Acetone	4.028	43	8489	20.645	ug/l	98
17) Carbon Disulfide	4.269	76	26301	5.385	ug/l #	95
18) Methyl Acetate	4.564	43	3864	3.516	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	14269	4.541	ug/l	97
20) Methylene Chloride	4.811	84	11290	5.546	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	8364	4.810	ug/l #	79
22) Diisopropyl ether	6.222	45	18747	4.470	ug/l #	96
23) Vinyl Acetate	6.152	43	56447	26.497	ug/l	96
24) 1,1-Dichloroethane	6.116	63	16086	5.564	ug/l #	88
25) 2-Butanone	7.081	43	9802	20.156	ug/l	96
26) 2,2-Dichloropropane	7.075	77	13879	5.725	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	9477	5.039	ug/l	88
28) Bromochloromethane	7.434	49	6865	5.912	ug/l	99
29) Tetrahydrofuran	7.458	42	6161	27.153	ug/l	99
30) Chloroform	7.599	83	16676	5.623	ug/l	96
31) Cyclohexane	7.875	56	14403	5.709	ug/l #	60
32) 1,1,1-Trichloroethane	7.793	97	13498	5.284	ug/l	97
36) 1,1-Dichloropropene	8.010	75	11175	4.948	ug/l #	86
37) Ethyl Acetate	7.169	43	4911	5.778	ug/l #	93
38) Carbon Tetrachloride	7.981	117	12100	5.348	ug/l	91
39) Methylcyclohexane	9.275	83	12653	4.767	ug/l	90
40) Benzene	8.252	78	32675	5.045	ug/l #	87

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093024\
 Data File : VD079942.D
 Acq On : 30 Sep 2024 17:42
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 01 05:06:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D093024S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 05:04:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.411	41	2960	6.350	ug/l #	45
42) 1,2-Dichloroethane	8.310	62	10092	5.947	ug/l	100
43) Isopropyl Acetate	8.352	43	8456	5.373	ug/l #	65
44) Trichloroethene	9.028	130	8544	5.151	ug/l	87
45) 1,2-Dichloropropane	9.305	63	9104	5.680	ug/l #	77
46) Dibromomethane	9.393	93	5049	5.612	ug/l	95
47) Bromodichloromethane	9.587	83	13028	5.809	ug/l	99
48) Methyl methacrylate	9.381	41	4068m	4.629	ug/l	
49) 1,4-Dioxane	9.387	88	729	84.441	ug/l #	1
51) 4-Methyl-2-Pentanone	10.157	43	19981	24.152	ug/l	98
52) Toluene	10.334	92	19534	4.753	ug/l	94
53) t-1,3-Dichloropropene	10.552	75	10664	5.197	ug/l	97
54) cis-1,3-Dichloropropene	10.010	75	11885	4.869	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	6371	5.402	ug/l	94
56) Ethyl methacrylate	10.599	69	6592	6.223	ug/l #	88
57) 1,3-Dichloropropane	10.881	76	9733	4.808	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.869	63	11413	19.434	ug/l	95
59) 2-Hexanone	10.928	43	13641	20.434	ug/l	98
60) Dibromochloromethane	11.069	129	8280	5.792	ug/l	96
61) 1,2-Dibromoethane	11.181	107	6488	5.937	ug/l	94
64) Tetrachloroethene	10.810	164	8132	6.396	ug/l #	90
65) Chlorobenzene	11.604	112	24426	5.763	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	8050	5.353	ug/l	96
67) Ethyl Benzene	11.681	91	37044	4.835	ug/l	96
68) m/p-Xylenes	11.787	106	27037	9.214	ug/l	97
69) o-Xylene	12.116	106	12395	4.665	ug/l	96
70) Styrene	12.134	104	22371	5.430	ug/l	96
71) Bromoform	12.299	173	4386	5.675	ug/l #	99
73) Isopropylbenzene	12.416	105	32713	4.458	ug/l	100
74) N-amyl acetate	12.234	43	7824	5.417	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	7187	5.247	ug/l	89
76) 1,2,3-Trichloropropane	12.728	75	3548m	3.963	ug/l	
77) Bromobenzene	12.698	156	8809	5.358	ug/l	97
78) n-propylbenzene	12.757	91	40114	4.389	ug/l	98
79) 2-Chlorotoluene	12.851	91	23897	4.854	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	26793	4.382	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	2533	5.940	ug/l	94
82) 4-Chlorotoluene	12.946	91	26338	5.063	ug/l	95
83) tert-Butylbenzene	13.163	119	24899	4.890	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	26208	4.218	ug/l	94
85) sec-Butylbenzene	13.340	105	37148	4.775	ug/l	98
86) p-Isopropyltoluene	13.457	119	29582	4.395	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	19434	5.707	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	20585	6.111	ug/l	94
89) n-Butylbenzene	13.787	91	29312	4.492	ug/l	99
90) Hexachloroethane	14.051	117	7719	5.774	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	15720	5.466	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.457	75	1361m	6.813	ug/l	
93) 1,2,4-Trichlorobenzene	15.092	180	10705	6.012	ug/l	98
94) Hexachlorobutadiene	15.198	225	5195	5.960	ug/l	86
95) Naphthalene	15.328	128	16337	4.960	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.516	180	8839	5.887	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093024\
Data File : VD079942.D
Acq On : 30 Sep 2024 17:42
Operator : RP/MD
Sample : VSTDICC005
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

Quant Time: Oct 01 05:06:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D093024S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 05:04:24 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\VD093024\
Data File : VD079942.D
Acq On : 30 Sep 2024 17:42
Operator : RP/MD
Sample : VSTDIC005
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 10/01/2024
Supervised By : Mahesh Dadoda 10/01/2024

Quant Time: Oct 01 05:06:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D093024S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 05:04:24 2024
Response via : Initial Calibration

