

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101723\
 Data File : VD077341.D
 Acq On : 17 Oct 2023 15:03
 Operator : JC/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Oct 18 02:45:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 02:44:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
 Supervised By :Mahesh Dadoda 10/20/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	177402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	300912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	284845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	144551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	17158	10.831	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.660%#		
35) Dibromofluoromethane	7.810	113	22153	10.479	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.960%#		
50) Toluene-d8	10.269	98	76343	10.084	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.160%#		
62) 4-Bromofluorobenzene	12.575	95	20611	9.457	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	18.920%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	17444	10.577	ug/l	96
3) Chloromethane	2.152	50	35517	10.575	ug/l	94
4) Vinyl Chloride	2.287	62	40074	10.101	ug/l	100
5) Bromomethane	2.693	94	26121	10.246	ug/l	97
6) Chloroethane	2.840	64	29772	10.675	ug/l	95
7) Trichlorofluoromethane	3.181	101	42223	10.491	ug/l	99
8) Diethyl Ether	3.599	74	10923	10.126	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.975	101	19062	9.155	ug/l	92
10) Methyl Iodide	4.164	142	22506	8.834	ug/l #	87
11) Tert butyl alcohol	5.058	59	4944m	55.481	ug/l	
12) 1,1-Dichloroethene	3.946	96	17338	8.488	ug/l	87
13) Acrolein	3.799	56	7049	45.569	ug/l	96
14) Allyl chloride	4.569	41	17053	8.799	ug/l	98
15) Acrylonitrile	5.252	53	16291	49.838	ug/l	98
16) Acetone	4.016	43	15308	44.068	ug/l	95
17) Carbon Disulfide	4.275	76	56764	9.454	ug/l	99
18) Methyl Acetate	4.575	43	12018	9.941	ug/l	95
19) Methyl tert-butyl Ether	5.322	73	32913	9.460	ug/l #	86
20) Methylene Chloride	4.811	84	27456	9.163	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	21397	10.072	ug/l	91
22) Diisopropyl ether	6.222	45	37369	9.822	ug/l #	89
23) Vinyl Acetate	6.158	43	86268	48.387	ug/l	100
24) 1,1-Dichloroethane	6.110	63	32497	10.274	ug/l	96
25) 2-Butanone	7.087	43	17401	48.290	ug/l	91
26) 2,2-Dichloropropane	7.075	77	30375	10.532	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	23967	10.061	ug/l	98
28) Bromochloromethane	7.428	49	12564	10.874	ug/l	97
29) Tetrahydrofuran	7.446	42	9634	46.348	ug/l	98
30) Chloroform	7.599	83	38660	10.652	ug/l	84
31) Cyclohexane	7.875	56	25104	10.186	ug/l #	88
32) 1,1,1-Trichloroethane	7.793	97	32565	10.401	ug/l	95
36) 1,1-Dichloropropene	8.004	75	26815	9.653	ug/l	100
37) Ethyl Acetate	7.169	43	8449	9.683	ug/l #	75
38) Carbon Tetrachloride	7.993	117	29761	9.631	ug/l	91
39) Methylcyclohexane	9.275	83	28666	8.493	ug/l	93
40) Benzene	8.252	78	81057	9.616	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101723\
 Data File : VD077341.D
 Acq On : 17 Oct 2023 15:03
 Operator : JC/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
 Supervised By :Mahesh Dadoda 10/20/2023

Quant Time: Oct 18 02:45:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 02:44:21 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	3798	9.120	ug/l #	89
42) 1,2-Dichloroethane	8.328	62	19629	9.886	ug/l	97
43) Isopropyl Acetate	8.363	43	14539	9.256	ug/l	96
44) Trichloroethene	9.028	130	22932	9.305	ug/l	99
45) 1,2-Dichloropropane	9.304	63	19353	9.959	ug/l	98
46) Dibromomethane	9.393	93	11925	9.816	ug/l	98
47) Bromodichloromethane	9.587	83	29426	10.158	ug/l	98
48) Methyl methacrylate	9.375	41	6436	9.057	ug/l	93
49) 1,4-Dioxane	9.381	88	1918	191.674	ug/l #	77
51) 4-Methyl-2-Pentanone	10.157	43	36262	46.051	ug/l	95
52) Toluene	10.334	92	50413	9.159	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	24730	9.511	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	30247	9.507	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	16901	10.045	ug/l	94
56) Ethyl methacrylate	10.598	69	12993	8.080	ug/l #	94
57) 1,3-Dichloropropane	10.881	76	24204	9.364	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	36275	45.616	ug/l	96
59) 2-Hexanone	10.922	43	25923	45.837	ug/l	90
60) Dibromochloromethane	11.075	129	21003	9.776	ug/l	97
61) 1,2-Dibromoethane	11.181	107	15360	9.688	ug/l	100
64) Tetrachloroethene	10.810	164	20267	9.573	ug/l	90
65) Chlorobenzene	11.610	112	59660	9.609	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	22472	9.521	ug/l	97
67) Ethyl Benzene	11.687	91	89577	8.703	ug/l	97
68) m/p-Xylenes	11.793	106	74626	17.657	ug/l	98
69) o-Xylene	12.122	106	33435	8.594	ug/l	97
70) Styrene	12.134	104	56860	8.566	ug/l	97
71) Bromoform	12.298	173	12250	9.468	ug/l #	99
73) Isopropylbenzene	12.422	105	83890	8.774	ug/l	99
74) N-amyl acetate	12.234	43	12927	9.398	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	17378	10.002	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	12098m	7.181	ug/l	
77) Bromobenzene	12.704	156	23066	9.189	ug/l	98
78) n-propylbenzene	12.763	91	104700	9.093	ug/l	99
79) 2-Chlorotoluene	12.851	91	58451	9.319	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	71138	9.016	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	4897	9.078	ug/l	98
82) 4-Chlorotoluene	12.945	91	63199	9.679	ug/l	100
83) tert-Butylbenzene	13.169	119	61210	8.750	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	69779	8.784	ug/l	99
85) sec-Butylbenzene	13.345	105	95320	9.055	ug/l	98
86) p-Isopropyltoluene	13.463	119	79680	8.713	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	49425	9.356	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	52420	10.014	ug/l	98
89) n-Butylbenzene	13.787	91	70750	8.885	ug/l	98
90) Hexachloroethane	14.057	117	18485	10.000	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	42763	9.583	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2155	10.134	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	24734	8.896	ug/l	97
94) Hexachlorobutadiene	15.204	225	14290	9.050	ug/l	98
95) Naphthalene	15.334	128	38701	8.244	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	21554	8.931	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101723\
Data File : VD077341.D
Acq On : 17 Oct 2023 15:03
Operator : JC/SY
Sample : VSTDICC010
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

Quant Time: Oct 18 02:45:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 18 02:44:21 2023
Response via : Initial Calibration

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

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

