

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031023\
 Data File : VD075494.D
 Acq On : 10 Mar 2023 14:57
 Operator : KP/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023

Quant Time: Mar 10 23:06:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 16:02:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	108176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	191539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	168147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	77318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	5140	5.237	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.480%#		
35) Dibromofluoromethane	7.816	113	6363	4.850	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.700%#		
50) Toluene-d8	10.275	98	24500	4.728	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	9.460%#		
62) 4-Bromofluorobenzene	12.575	95	7500	5.006	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	10.020%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	6182	5.731	ug/l	94
3) Chloromethane	2.152	50	10787	3.496	ug/l	93
4) Vinyl Chloride	2.287	62	14767	5.688	ug/l	98
5) Bromomethane	2.699	94	11641	5.724	ug/l	94
6) Chloroethane	2.846	64	9801	5.636	ug/l #	87
7) Trichlorofluoromethane	3.181	101	11734	5.608	ug/l	96
8) Diethyl Ether	3.593	74	2951	5.283	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.975	101	7961	5.848	ug/l	94
10) Methyl Iodide	4.169	142	8612	5.302	ug/l #	88
11) Tert butyl alcohol	5.040	59	1159	25.570	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	7670	5.705	ug/l #	77
13) Acrolein	3.805	56	2373	26.311	ug/l	97
14) Allyl chloride	4.558	41	6763	5.846	ug/l #	79
15) Acrylonitrile	5.263	53	5771	28.176	ug/l	92
16) Acetone	4.028	43	6016	20.891	ug/l #	71
17) Carbon Disulfide	4.275	76	23015	5.673	ug/l	97
18) Methyl Acetate	4.575	43	2901	5.583	ug/l #	72
19) Methyl tert-butyl Ether	5.322	73	12553	5.384	ug/l	99
20) Methylene Chloride	4.810	84	14357	5.128	ug/l #	63
21) trans-1,2-Dichloroethene	5.322	96	8807	5.762	ug/l #	59
22) Diisopropyl ether	6.228	45	13531	5.396	ug/l #	87
23) Vinyl Acetate	6.157	43	31566m	27.280	ug/l	
24) 1,1-Dichloroethane	6.116	63	12688	5.842	ug/l	96
25) 2-Butanone	7.087	43	6707	29.303	ug/l #	79
26) 2,2-Dichloropropane	7.081	77	11398	5.706	ug/l	94
27) cis-1,2-Dichloroethene	7.087	96	8918	5.445	ug/l	81
28) Bromochloromethane	7.428	49	3382	4.830	ug/l #	55
29) Tetrahydrofuran	7.446	42	3463	27.800	ug/l #	64
30) Chloroform	7.599	83	13659	5.663	ug/l	88
31) Cyclohexane	7.875	56	10533	6.024	ug/l #	50
32) 1,1,1-Trichloroethane	7.799	97	11785	5.572	ug/l	97
36) 1,1-Dichloropropene	8.010	75	10208	5.251	ug/l	92
37) Ethyl Acetate	7.163	43	2813	5.553	ug/l #	92
38) Carbon Tetrachloride	7.993	117	9940	5.336	ug/l	91
39) Methylcyclohexane	9.275	83	12680	5.173	ug/l	90
40) Benzene	8.251	78	31687	5.439	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031023\
 Data File : VD075494.D
 Acq On : 10 Mar 2023 14:57
 Operator : KP/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023

Quant Time: Mar 10 23:06:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 16:02:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	1497	5.480	ug/l #	75
42) 1,2-Dichloroethane	8.322	62	7029	5.481	ug/l	92
43) Isopropyl Acetate	8.363	43	4709	5.024	ug/l #	77
44) Trichloroethene	9.034	130	9614	5.615	ug/l	86
45) 1,2-Dichloropropane	9.310	63	6560	5.238	ug/l #	87
46) Dibromomethane	9.393	93	3976	5.151	ug/l	94
47) Bromodichloromethane	9.587	83	9800	5.243	ug/l	95
48) Methyl methacrylate	9.381	41	2146	4.874	ug/l #	57
49) 1,4-Dioxane	9.387	88	729	104.103	ug/l #	50
51) 4-Methyl-2-Pentanone	10.163	43	12125	24.874	ug/l #	75
52) Toluene	10.334	92	19331	5.120	ug/l	92
53) t-1,3-Dichloropropene	10.551	75	8864	5.271	ug/l	92
54) cis-1,3-Dichloropropene	10.022	75	11177	5.412	ug/l #	69
55) 1,1,2-Trichloroethane	10.740	97	5954	5.448	ug/l	89
56) Ethyl methacrylate	10.604	69	5025	4.829	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	9122	5.424	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	10236	20.101	ug/l #	88
59) 2-Hexanone	10.922	43	8608	24.971	ug/l	77
60) Dibromochloromethane	11.075	129	6690	5.182	ug/l	100
61) 1,2-Dibromoethane	11.187	107	5684	5.523	ug/l	99
64) Tetrachloroethene	10.810	164	7191	5.419	ug/l	96
65) Chlorobenzene	11.610	112	21884	5.488	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	7281	5.330	ug/l	96
67) Ethyl Benzene	11.687	91	35321	5.143	ug/l	95
68) m/p-Xylenes	11.792	106	26458	9.585	ug/l	97
69) o-Xylene	12.122	106	12645	4.933	ug/l	93
70) Styrene	12.140	104	20570	4.824	ug/l	96
71) Bromoform	12.298	173	3470	4.974	ug/l #	99
73) Isopropylbenzene	12.422	105	33391	5.393	ug/l	99
74) N-amyl acetate	12.234	43	4073	5.310	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.675	83	6216	5.919	ug/l	93
76) 1,2,3-Trichloropropane	12.734	75	3547m	5.554	ug/l	
77) Bromobenzene	12.698	156	8224	5.587	ug/l	93
78) n-propylbenzene	12.769	91	40989	5.448	ug/l	100
79) 2-Chlorotoluene	12.851	91	22931	5.625	ug/l	94
80) 1,3,5-Trimethylbenzene	12.910	105	26928	5.303	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	1603	5.317	ug/l #	72
82) 4-Chlorotoluene	12.951	91	24316	5.780	ug/l	95
83) tert-Butylbenzene	13.169	119	24414	5.532	ug/l	93
84) 1,2,4-Trimethylbenzene	13.216	105	24101	4.911	ug/l	95
85) sec-Butylbenzene	13.351	105	37231	5.450	ug/l	99
86) p-Isopropyltoluene	13.463	119	29112	5.215	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	17067	5.609	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	17792	5.911	ug/l	98
89) n-Butylbenzene	13.792	91	27003	5.274	ug/l	98
90) Hexachloroethane	14.057	117	6415	5.951	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	14787	5.743	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	789	5.970	ug/l	87
93) 1,2,4-Trichlorobenzene	15.098	180	8910	5.934	ug/l	95
94) Hexachlorobutadiene	15.204	225	4078	5.694	ug/l	95
95) Naphthalene	15.333	128	15623	5.668	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	8103	6.254	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031023\
Data File : VD075494.D
Acq On : 10 Mar 2023 14:57
Operator : KP/SY
Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

Quant Time: Mar 10 23:06:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 16:02:39 2023
Response via : Initial Calibration

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

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

