

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075154.D
 Acq On : 20 Jan 2023 15:35
 Operator : KP/SY
 Sample : MDL05
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/23/2023
 Supervised By :Mahesh Dadoda 01/25/2023

Quant Time: Jan 23 01:35:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 23 01:28:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	74404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	138691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	123125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	52221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41420	54.555	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.100%			
35) Dibromofluoromethane	7.810	113	43806	52.270	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.540%			
50) Toluene-d8	10.269	98	175351	53.140	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.280%			
62) 4-Bromofluorobenzene	12.581	95	51907	49.565	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	1836	2.833	ug/l	94
3) Chloromethane	2.146	50	2821	2.935	ug/l	90
4) Vinyl Chloride	2.281	62	2624	2.544	ug/l	89
5) Bromomethane	2.699	94	2341	3.338	ug/l	99
6) Chloroethane	2.834	64	1881	2.630	ug/l	91
7) Trichlorofluoromethane	3.175	101	3630	2.769	ug/l	98
8) Diethyl Ether	3.593	74	1053	2.493	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.964	101	2292	2.832	ug/l #	88
10) Methyl Iodide	4.158	142	1759	1.615	ug/l #	90
11) Tert butyl alcohol	5.040	59	1349m	25.469	ug/l	
12) 1,1-Dichloroethene	3.946	96	2350	2.758	ug/l #	59
13) Acrolein	3.805	56	646m	12.557	ug/l	
14) Allyl chloride	4.569	41	3901	2.821	ug/l	98
15) Acrylonitrile	5.269	53	2532m	14.177	ug/l	
16) Acetone	4.034	43	2867	14.317	ug/l #	83
17) Carbon Disulfide	4.269	76	7794	2.821	ug/l	99
18) Methyl Acetate	4.569	43	1905	3.500	ug/l #	67
19) Methyl tert-butyl Ether	5.322	73	4949	2.781	ug/l	99
20) Methylene Chloride	4.811	84	11025	8.731	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	2543	2.681	ug/l #	87
22) Diisopropyl ether	6.216	45	6913	2.686	ug/l #	89
23) Vinyl Acetate	6.163	43	10608m	9.353	ug/l	
24) 1,1-Dichloroethane	6.128	63	4523	2.797	ug/l #	80
25) 2-Butanone	7.093	43	3667	15.152	ug/l #	82
26) 2,2-Dichloropropane	7.081	77	3704	2.569	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	3081	2.980	ug/l	98
28) Bromochloromethane	7.422	49	1487	3.368	ug/l #	75
29) Tetrahydrofuran	7.457	42	1871	13.554	ug/l #	84
30) Chloroform	7.604	83	4730	2.933	ug/l	92
31) Cyclohexane	7.881	56	5785	3.799	ug/l #	72
32) 1,1,1-Trichloroethane	7.793	97	3776	2.718	ug/l	94
36) 1,1-Dichloropropene	8.016	75	3566	2.648	ug/l	98
37) Ethyl Acetate	7.169	43	1447	2.667	ug/l #	72
38) Carbon Tetrachloride	7.993	117	2082	1.836	ug/l	86
39) Methylcyclohexane	9.275	83	4589	2.765	ug/l #	90
40) Benzene	8.257	78	10876	2.832	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075154.D
 Acq On : 20 Jan 2023 15:35
 Operator : KP/SY
 Sample : MDL05
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/23/2023
 Supervised By :Mahesh Dadoda 01/25/2023

Quant Time: Jan 23 01:35:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 23 01:28:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	883m	2.705	ug/l	
42) 1,2-Dichloroethane	8.328	62	2726	2.703	ug/l	98
43) Isopropyl Acetate	8.369	43	2662	2.522	ug/l #	69
44) Trichloroethene	9.034	130	2804	2.597	ug/l	98
45) 1,2-Dichloropropane	9.304	63	2551	2.697	ug/l #	81
46) Dibromomethane	9.393	93	1288	2.582	ug/l	93
47) Bromodichloromethane	9.587	83	3118	2.519	ug/l #	95
48) Methyl methacrylate	9.381	41	1338	2.592	ug/l #	87
51) 4-Methyl-2-Pentanone	10.163	43	6046	11.926	ug/l	100
52) Toluene	10.334	92	6837	2.817	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	2524	2.156	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	3191	2.231	ug/l	97
55) 1,1,2-Trichloroethane	10.740	97	1600	2.424	ug/l	89
56) Ethyl methacrylate	10.598	69	2108	2.655	ug/l	93
57) 1,3-Dichloropropane	10.881	76	3141	2.769	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.875	63	2717	10.001	ug/l	97
59) 2-Hexanone	10.928	43	4084	11.142	ug/l	93
60) Dibromochloromethane	11.075	129	1990	2.501	ug/l	96
61) 1,2-Dibromoethane	11.181	107	1489	2.361	ug/l	98
64) Tetrachloroethene	10.816	164	2198	2.500	ug/l	87
65) Chlorobenzene	11.610	112	6478	2.568	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	2049	2.415	ug/l	99
67) Ethyl Benzene	11.687	91	11397	2.510	ug/l	96
68) m/p-Xylenes	11.798	106	8699	4.958	ug/l	100
69) o-Xylene	12.128	106	4036	2.453	ug/l	99
70) Styrene	12.134	104	6401	2.340	ug/l	97
71) Bromoform	12.310	173	840	1.917	ug/l #	89
73) Isopropylbenzene	12.422	105	10555	2.559	ug/l	99
74) N-amyl acetate	12.234	43	2077	2.299	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	1962	2.985	ug/l #	97
76) 1,2,3-Trichloropropane	12.728	75	1148m	2.596	ug/l	
77) Bromobenzene	12.710	156	2375	2.521	ug/l	88
78) n-propylbenzene	12.763	91	13904	2.743	ug/l	96
79) 2-Chlorotoluene	12.851	91	7094	2.545	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	8497	2.514	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	433m	2.271	ug/l	
82) 4-Chlorotoluene	12.951	91	7488	2.612	ug/l	96
83) tert-Butylbenzene	13.169	119	7384	2.525	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	8136	2.451	ug/l	97
85) sec-Butylbenzene	13.345	105	11541	2.598	ug/l	96
86) p-Isopropyltoluene	13.463	119	8838	2.430	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	4590	2.513	ug/l	93
88) 1,4-Dichlorobenzene	13.545	146	4962	2.761	ug/l	87
89) n-Butylbenzene	13.787	91	9382	2.647	ug/l	94
90) Hexachloroethane	14.063	117	1502	2.339	ug/l	85
91) 1,2-Dichlorobenzene	13.839	146	3641	2.330	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.445	75	203	2.020	ug/l #	16
93) 1,2,4-Trichlorobenzene	15.098	180	2249	2.192	ug/l	97
94) Hexachlorobutadiene	15.210	225	1171	2.329	ug/l	90
95) Naphthalene	15.339	128	4972	2.434	ug/l	96
96) 1,2,3-Trichlorobenzene	15.534	180	1924	2.198	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
Data File : VD075154.D
Acq On : 20 Jan 2023 15:35
Operator : KP/SY
Sample : MDL05
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MDL05

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

Quant Time: Jan 23 01:35:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Mon Jan 23 01:28:02 2023
Response via : Initial Calibration

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

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

