

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
 Data File : VD074641.D
 Acq On : 25 Oct 2022 19:36
 Operator : VA/SY
 Sample : N5235-03MSD
 Misc : 4.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LSP-SS-01-00-20MSD

Quant Time: Oct 27 01:23:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	146624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	242172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	185381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	76403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	43686	39.025	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	78.040%		
35) Dibromofluoromethane	7.805	113	58623	43.550	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.100%		
50) Toluene-d8	10.269	98	170076	35.088	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	70.180%		
62) 4-Bromofluorobenzene	12.575	95	51368	36.307	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	72.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	39810	34.979	ug/l	97
3) Chloromethane	2.146	50	64216	41.681	ug/l	93
4) Vinyl Chloride	2.275	62	66911	39.273	ug/l	93
5) Bromomethane	2.681	94	46491	36.033	ug/l	97
6) Chloroethane	2.828	64	49162	41.969	ug/l	99
7) Trichlorofluoromethane	3.170	101	102919	42.617	ug/l	100
8) Diethyl Ether	3.587	74	32886	47.021	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.964	101	66624	42.779	ug/l	97
10) Methyl Iodide	4.158	142	73758	37.450	ug/l	99
11) Tert butyl alcohol	5.052	59	17427	111.429	ug/l #	94
12) 1,1-Dichloroethene	3.934	96	66809	42.889	ug/l	88
13) Acrolein	3.793	56	21606	180.208	ug/l	99
14) Allyl chloride	4.564	41	73257	43.548	ug/l	99
15) Acrylonitrile	5.252	53	65083	227.693	ug/l	100
16) Acetone	4.017	43	65269	267.002	ug/l	90
17) Carbon Disulfide	4.264	76	139217	32.661	ug/l	96
18) Methyl Acetate	4.564	43	35472	54.075	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	155152	50.971	ug/l	99
20) Methylene Chloride	4.799	84	80836	41.279	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	71671	41.274	ug/l	85
22) Diisopropyl ether	6.216	45	179034	52.742	ug/l	95
23) Vinyl Acetate	6.158	43	263909m	177.788	ug/l	
24) 1,1-Dichloroethane	6.111	63	123046	46.704	ug/l	100
25) 2-Butanone	7.081	43	78044	238.752	ug/l	99
26) 2,2-Dichloropropane	7.075	77	106053	42.117	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	90343	46.907	ug/l	96
28) Bromochloromethane	7.428	49	36039	50.788	ug/l	93
29) Tetrahydrofuran	7.440	42	43173	242.153	ug/l	98
30) Chloroform	7.599	83	137635	48.551	ug/l	98
31) Cyclohexane	7.875	56	79085	35.169	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	117428	45.170	ug/l	98
36) 1,1-Dichloropropene	8.010	75	88141	40.515	ug/l	99
37) Ethyl Acetate	7.163	43	30413	44.308	ug/l	95
38) Carbon Tetrachloride	7.993	117	91430	42.918	ug/l	100
39) Methylcyclohexane	9.275	83	86693	33.351	ug/l	96
40) Benzene	8.252	78	284475	44.059	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
 Data File : VD074641.D
 Acq On : 25 Oct 2022 19:36
 Operator : VA/SY
 Sample : N5235-03MSD
 Misc : 4.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LSP-SS-01-00-20MSD

Quant Time: Oct 27 01:23:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	18100	48.942	ug/l	95
42) 1,2-Dichloroethane	8.328	62	68862	46.218	ug/l	98
43) Isopropyl Acetate	8.363	43	61960	48.572	ug/l	97
44) Trichloroethene	9.028	130	81983	43.343	ug/l	99
45) 1,2-Dichloropropane	9.305	63	70111	49.480	ug/l	95
46) Dibromomethane	9.393	93	39220	47.967	ug/l	98
47) Bromodichloromethane	9.587	83	99742	49.304	ug/l	95
48) Methyl methacrylate	9.381	41	29317	50.288	ug/l	98
49) 1,4-Dioxane	9.387	88	8828	1097.013	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	148846	234.588	ug/l	98
52) Toluene	10.334	92	168227	42.248	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	77640	43.650	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	97553	43.498	ug/l	97
55) 1,1,2-Trichloroethane	10.728	97	53616	47.726	ug/l	93
56) Ethyl methacrylate	10.599	69	57605	46.909	ug/l	95
57) 1,3-Dichloropropane	10.881	76	82696	45.377	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	67315	213.189	ug/l	98
59) 2-Hexanone	10.922	43	106633	246.223	ug/l	99
60) Dibromochloromethane	11.075	129	62640	46.260	ug/l	99
61) 1,2-Dibromoethane	11.181	107	47044	45.875	ug/l	99
64) Tetrachloroethene	10.810	164	63981	46.692	ug/l	94
65) Chlorobenzene	11.604	112	178832	45.798	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	67205	50.094	ug/l	96
67) Ethyl Benzene	11.681	91	306743	45.112	ug/l	100
68) m/p-Xylenes	11.793	106	240337	88.896	ug/l	98
69) o-Xylene	12.122	106	116599	46.340	ug/l	96
70) Styrene	12.134	104	199956	47.188	ug/l	99
71) Bromoform	12.298	173	35609	50.556	ug/l #	94
73) Isopropylbenzene	12.422	105	283579	47.592	ug/l	98
74) N-amyl acetate	12.234	43	48584	55.164	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	53339	56.546	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	38988m	58.442	ug/l	
77) Bromobenzene	12.698	156	70609	52.504	ug/l	99
78) n-propylbenzene	12.763	91	317226	45.048	ug/l	100
79) 2-Chlorotoluene	12.845	91	179389	47.023	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	223474	46.202	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	13365	51.196	ug/l	95
82) 4-Chlorotoluene	12.945	91	183254	46.756	ug/l	98
83) tert-Butylbenzene	13.163	119	196274	45.487	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	220594	46.345	ug/l	99
85) sec-Butylbenzene	13.345	105	248315	38.349	ug/l	98
86) p-Isopropyltoluene	13.457	119	212109	39.101	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	123473	44.182	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	121360	44.360	ug/l	99
89) n-Butylbenzene	13.787	91	158836	32.139	ug/l	100
90) Hexachloroethane	14.051	117	38494	40.769	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	110232	47.286	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6906	52.938	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	46438	30.198	ug/l	98
94) Hexachlorobutadiene	15.198	225	15989	18.899	ug/l	96
95) Naphthalene	15.328	128	125364	43.305	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	41336	31.357	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
 Data File : VD074641.D
 Acq On : 25 Oct 2022 19:36
 Operator : VA/SY
 Sample : N5235-03MSD
 Misc : 4.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 LSP-SS-01-00-20MSD

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 01:23:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

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

