

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081822\
 Data File : VW024276.D
 Acq On : 18 Aug 2022 15:47
 Operator : SY/VA
 Sample : N3670-04
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT2-2022-04

Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt

Quant Time: Aug 18 21:18:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 18 01:04:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	253647	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	256817	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	130209	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	109959	20.740	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.960%
7) Chloroethane-d5	2.873	69	78385	23.733	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.920%
11) 1,1-Dichloroethene-d2	4.007	63	90792	15.026	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.120%
21) 2-Butanone-d5	7.080	46	57772	58.570	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.140%
24) Chloroform-d	7.647	84	179996	23.453	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	8.299	65	106931m	25.096	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	8.275	84	337459	22.280	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.120%
36) 1,2-Dichloropropane-d6	9.274	67	103700	23.189	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.760%
41) Toluene-d8	10.323	98	293524	20.734	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.920%
43) trans-1,3-Dichloroprop...	10.579	79	44180	22.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.240%
47) 2-Hexanone-d5	10.921	63	44392	53.744	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.480%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	108468	25.000	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	120492	25.288	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.160%
Target Compounds						
2) Dichlorodifluoromethane	2.001	85	2402	1.076	ug/L	96
5) Vinyl chloride	2.349	62	7215	1.238	ug/L #	44
12) 1,1-Dichloroethene	4.025	96	3220	1.056	ug/L #	1
13) Acetone	4.123	43	2768	3.812	ug/L	99
14) Carbon disulfide	4.379	76	10134	1.039	ug/L #	91
15) Methyl Acetate	4.678	43	2688m	1.643	ug/L	
16) Methylene chloride	4.915	84	22440	5.017	ug/L	99
17) trans-1,2-Dichloroethene	5.415	96	4034m	1.146	ug/L	
18) Methyl tert-butyl Ether	5.434	73	5680m	1.131	ug/L	
19) 1,1-Dichloroethane	6.202	63	7570	1.220	ug/L	93
20) cis-1,2-Dichloroethene	7.165	96	4146	1.072	ug/L #	52
22) 2-Butanone	7.153	43	7609m	6.218	ug/L	
23) Bromochloromethane	7.507	128	2295	1.192	ug/L #	74
25) Chloroform	7.665	83	9257m	1.354	ug/L	
27) 1,2-Dichloroethane	8.397	62	5786	1.258	ug/L #	81
29) Cyclohexane	7.952	56	4423	0.840	ug/L #	89
30) 1,1,1-Trichloroethane	7.866	97	6354	1.097	ug/L	97
31) Carbon tetrachloride	8.067	117	5909m	1.081	ug/L	
33) Benzene	8.323	78	16014	1.056	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	9.085	95	4464	1.113	ug/L	90
35) Methylcyclohexane	9.329	83	5483	0.872	ug/L	90
37) 1,2-Dichloropropane	9.366	63	3859	1.029	ug/L #	90
38) Bromodichloromethane	9.646	83	5591	1.063	ug/L	91
39) cis-1,3-Dichloropropene	10.067	75	5384	0.976	ug/L	88
40) 4-Methyl-2-pentanone	10.207	43	5850	2.351	ug/L #	93
42) Toluene	10.384	91	17400	1.080	ug/L	98
44) trans-1,3-Dichloropropene	10.597	75	7970	1.581	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	3592	1.137	ug/L	93
46) Tetrachloroethene	10.860	164	3888	1.198	ug/L	92
48) 2-Hexanone	10.963	43	4319	2.557	ug/L #	93
49) Dibromochloromethane	11.122	129	3930	1.033	ug/L	87
50) 1,2-Dibromoethane	11.231	107	2997	0.990	ug/L #	95
51) Chlorobenzene	11.652	112	11652	1.058	ug/L	90
52) Ethylbenzene	11.725	91	16270	0.921	ug/L	96
53) m,p-Xylene	11.835	106	5851	0.851	ug/L	95
54) o-Xylene	12.158	106	5439	0.838	ug/L	85
55) Styrene	12.182	104	8217	0.728	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	5034	1.275	ug/L #	88
59) Bromoform	12.347	173	2008	1.011	ug/L	97
60) Isopropylbenzene	12.463	105	13036	0.827	ug/L #	96
61) 1,2,3-Trichloropropane	12.768	75	3374	1.302	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	10528	0.808	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	9854	0.768	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	7284	0.944	ug/L	86
65) 1,4-Dichlorobenzene	13.579	146	8521	1.043	ug/L #	78
67) 1,2-Dichlorobenzene	13.865	146	8362	1.141	ug/L #	62
68) 1,2-Dibromo-3-chloropr...	14.487	75	1280	2.114	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.627	180	5476	1.082	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	3759	0.927	ug/L #	96
71) Naphthalene	15.365	128	6666	0.844	ug/L #	92
72) 1,2,3-Trichlorobenzene	15.554	180	3153	0.854	ug/L	88

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

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