

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031022\
 Data File : VW022269.D
 Acq On : 10 Mar 2022 13:28
 Operator : SY/VA
 Sample : N1818-09MS
 Misc : 6.63g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBSF4MS

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022
 Supervised By :Mahesh Dadoda 03/14/2022

Quant Time: Mar 11 03:09:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 11 03:07:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	178564	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	168716	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	92036	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	79136	33.978	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 135.920%			
7) Chloroethane-d5	2.879	69	56139	30.635	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 122.560%			
11) 1,1-Dichloroethene-d2	4.019	63	91232	25.579	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 102.320%			
21) 2-Butanone-d5	7.073	46	21752	55.548	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.100%			
24) Chloroform-d	7.653	84	112932	28.346	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 113.400%			
26) 1,2-Dichloroethane-d4	8.305	65	56937	27.493	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.960%			
32) Benzene-d6	8.274	84	224153	28.547	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 114.200%			
36) 1,2-Dichloropropane-d6	9.274	67	60253	27.632	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 110.520%			
41) Toluene-d8	10.323	98	218984	28.052	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 112.200%			
43) trans-1,3-Dichloroprop...	10.579	79	27008	27.934	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 111.720%			
47) 2-Hexanone-d5	10.920	63	18166	50.652	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.300%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	52492	27.429	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 109.720%			
66) 1,2-Dichlorobenzene-d4	13.847	152	84144	28.464	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 113.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	8999	18.033	ug/L	91
3) Chloromethane	2.215	50	34045	19.909	ug/L	94
5) Vinyl chloride	2.355	62	49217	19.155	ug/L	99
6) Bromomethane	2.775	94	28747	16.020	ug/L	96
8) Chloroethane	2.916	64	27081	18.762	ug/L	99
9) Trichlorofluoromethane	3.257	101	30756	17.631	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	40490	19.025	ug/L	96
12) 1,1-Dichloroethene	4.037	96	34442m	18.672	ug/L	
13) Acetone	4.129	43	16771	52.437	ug/L	97
14) Carbon disulfide	4.385	76	65835	13.767	ug/L	100
15) Methyl Acetate	4.671	43	13221	18.362	ug/L #	71
16) Methylene chloride	4.915	84	38618	17.619	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	52043	25.688	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	58368	21.176	ug/L	100
19) 1,1-Dichloroethane	6.220	63	68358	20.841	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	59314	27.026	ug/L	99
22) 2-Butanone	7.165	43	23215	50.529	ug/L	99
23) Bromochloromethane	7.512	128	21368	19.931	ug/L	92
25) Chloroform	7.677	83	80910	21.142	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	48388	20.528	ug/L	98
29) Cyclohexane	7.957	56	49028	17.462	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	68354	20.137	ug/L	99
31) Carbon tetrachloride	8.067	117	63313	19.626	ug/L	98
33) Benzene	8.323	78	160925	19.728	ug/L	100
34) Trichloroethene	9.091	95	61899	26.503	ug/L	94
35) Methylcyclohexane	9.335	83	62814	17.388	ug/L	99
37) 1,2-Dichloropropane	9.366	63	38934	20.460	ug/L	99
38) Bromodichloromethane	9.646	83	57541	21.085	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	63841	22.070	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	42822	41.669	ug/L	99
42) Toluene	10.384	91	189007	20.473	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	56371	21.686	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	33906	20.093	ug/L	93
46) Tetrachloroethene	10.859	164	38003	18.575	ug/L	88
48) 2-Hexanone	10.963	43	35720	50.080	ug/L	97
49) Dibromochloromethane	11.128	129	43627	21.284	ug/L	96
50) 1,2-Dibromoethane	11.237	107	32580	20.017	ug/L	95
51) Chlorobenzene	11.658	112	129672	20.182	ug/L	98
52) Ethylbenzene	11.731	91	212075	20.756	ug/L	98
53) m,p-Xylene	11.841	106	87427	20.795	ug/L	97
54) o-Xylene	12.164	106	82198	20.779	ug/L	95
55) Styrene	12.176	104	142462	21.482	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	41145	21.015	ug/L	97
59) Bromoform	12.347	173	23886	19.625	ug/L #	93
60) Isopropylbenzene	12.463	105	230422	20.856	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	28872	19.876	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	157672	21.462	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	191876	21.371	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	113271	20.667	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	112520	20.487	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	106107	21.776	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	5788	18.848	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.621	180	82469	20.964	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	62453	20.983	ug/L	99
71) Naphthalene	15.359	128	116334	22.141	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	56876	22.092	ug/L	92

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

