

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024397.D
 Acq On : 27 Aug 2022 13:40
 Operator : SY/VA
 Sample : N4363-12MS
 Misc : 5.35g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBVW6MS

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/30/2022
 Supervised By : Mahesh Dadoda 08/30/2022

Quant Time: Aug 29 01:47:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Aug 29 01:46:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	361739	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	378536	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	208433	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	197544	19.811	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.240%		
7) Chloroethane-d5	2.873	69	165093	22.097	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.400%		
11) 1,1-Dichloroethene-d2	4.013	63	221812	25.648	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	102.600%		
21) 2-Butanone-d5	7.074	46	108927	59.307	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	118.620%		
24) Chloroform-d	7.647	84	329754	28.355	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	113.400%		
26) 1,2-Dichloroethane-d4	8.305	65	198053	28.082	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	112.320%		
32) Benzene-d6	8.268	84	614273	28.323	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	113.280%		
36) 1,2-Dichloropropane-d6	9.274	67	197782	29.323	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	117.280%		
41) Toluene-d8	10.323	98	577041	27.983	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	111.920%		
43) trans-1,3-Dichloroprop...	10.573	79	85546	27.102	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	108.400%		
47) 2-Hexanone-d5	10.920	63	94857	62.844	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	125.680%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	219037	28.683	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	114.720%		
66) 1,2-Dichlorobenzene-d4	13.853	152	218626	27.854	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	111.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.001	85	42516	11.735	ug/L	99
3) Chloromethane	2.215	50	90190	13.324	ug/L	99
5) Vinyl chloride	2.349	62	186961	15.800	ug/L	99
6) Bromomethane	2.763	94	132237	15.921	ug/L	97
8) Chloroethane	2.904	64	104594	16.920	ug/L	97
9) Trichlorofluoromethane	3.245	101	85122	15.297	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	107786	20.195	ug/L	98
12) 1,1-Dichloroethene	4.031	96	95663m	22.140	ug/L	
13) Acetone	4.117	43	50146	45.751	ug/L	96
14) Carbon disulfide	4.373	76	294574	20.513	ug/L	99
15) Methyl Acetate	4.665	43	54604	20.364	ug/L	98
16) Methylene chloride	4.909	84	131193	21.625	ug/L	92
17) trans-1,2-Dichloroethene	5.415	96	116404	22.760	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	192987	23.045	ug/L	97
19) 1,1-Dichloroethane	6.214	63	212555	21.978	ug/L	94
20) cis-1,2-Dichloroethene	7.165	96	173998m	30.937	ug/L	
22) 2-Butanone	7.171	43	83554	42.726	ug/L	100
23) Bromochloromethane	7.513	128	60288	21.953	ug/L	98
25) Chloroform	7.671	83	232851	21.701	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	164515	21.063	ug/L	96
29) Cyclohexane	7.951	56	182964	22.420	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	180657	20.243	ug/L	98
31) Carbon tetrachloride	8.067	117	167228	20.482	ug/L	99
33) Benzene	8.323	78	516578	21.919	ug/L	100
34) Trichloroethene	9.092	95	147345	23.721	ug/L	95
35) Methylcyclohexane	9.329	83	205706	20.641	ug/L	99
37) 1,2-Dichloropropane	9.366	63	128944	21.201	ug/L	98
38) Bromodichloromethane	9.640	83	174615	21.082	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	198052	23.295	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	187076	43.256	ug/L	98
42) Toluene	10.384	91	571666	21.979	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	177583	21.496	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	106019	21.376	ug/L	96
46) Tetrachloroethene	10.859	164	961925	199.398	ug/L	97
48) 2-Hexanone	10.969	43	131814	41.320	ug/L	97
49) Dibromochloromethane	11.128	129	125363	21.370	ug/L	100
50) 1,2-Dibromoethane	11.231	107	103779	21.764	ug/L	100
51) Chlorobenzene	11.652	112	366447	20.991	ug/L	98
52) Ethylbenzene	11.731	91	634969	22.082	ug/L	99
53) m,p-Xylene	11.835	106	246307	21.811	ug/L	98
54) o-Xylene	12.164	106	239369	22.674	ug/L	99
55) Styrene	12.176	104	419985	22.506	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	139615	20.167	ug/L	97
59) Bromoform	12.347	173	73685	22.029	ug/L	97
60) Isopropylbenzene	12.463	105	638761	23.074	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	98958	20.995	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	540554	24.216	ug/L	100
63) 1,2,4-Trimethylbenzene	13.243	105	525405	24.232	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	280831	21.217	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	297359	21.279	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	266632	21.490	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	21866	18.465	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	178199	20.859	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	139841	21.057	ug/L	98
71) Naphthalene	15.359	128	331675	22.740	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	127535	20.319	ug/L	95

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

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