

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050423\
 Data File : VW025849.D
 Acq On : 04 May 2023 16:34
 Operator : SY/MD
 Sample : 02574-17MS
 Misc : 5.42g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCCQ0MS

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/05/2023
 Supervised By : Mahesh Dadoda 05/07/2023

Quant Time: May 04 23:19:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 23:16:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	649803	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	580733	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	283690	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	223719	24.296	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.200%		
7) Chloroethane-d5	2.893	69	169250	24.793	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.160%		
11) 1,1-Dichloroethene-d2	4.021	65	107040	23.215	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	92.840%		
21) 2-Butanone-d5	7.069	46	172338	56.614	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	113.220%		
24) Chloroform-d	7.648	84	442895	23.637	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.560%		
26) 1,2-Dichloroethane-d4	8.307	65	261331	24.665	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.640%		
32) Benzene-d6	8.276	84	898663	23.682	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	94.720%		
36) 1,2-Dichloropropane-d6	9.276	67	290485	23.926	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.720%		
41) Toluene-d8	10.325	98	802104	23.705	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.800%		
43) trans-1,3-Dichloroprop...	10.575	79	114059	23.176	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	92.720%		
47) 2-Hexanone-d5	10.922	63	120375	58.144	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	116.280%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	249852	27.000	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	108.000%		
66) 1,2-Dichlorobenzene-d4	13.848	152	251008	24.272	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	103520	14.260	ug/L	92
3) Chloromethane	2.222	50	174140	16.269	ug/L	99
5) Vinyl chloride	2.375	62	185064	16.704	ug/L	99
6) Bromomethane	2.783	94	97620	16.200	ug/L	95
8) Chloroethane	2.930	64	105313	16.717	ug/L	97
9) Trichlorofluoromethane	3.265	101	123206	14.735	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	142338	15.653	ug/L #	71
12) 1,1-Dichloroethene	4.045	96	136911m	15.754	ug/L	
13) Acetone	4.112	43	261777	96.983	ug/L	99
14) Carbon disulfide	4.393	76	459960	15.651	ug/L	98
15) Methyl Acetate	4.667	43	101913	19.160	ug/L	99
16) Methylene chloride	4.917	84	179951	13.428	ug/L	92
17) trans-1,2-Dichloroethene	5.423	96	146567	15.460	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	241985	16.817	ug/L	99
19) 1,1-Dichloroethane	6.216	63	312843	16.061	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	161560	15.884	ug/L	93
22) 2-Butanone	7.167	43	147614	39.606	ug/L	99
23) Bromochloromethane	7.508	128	69431	16.113	ug/L	96
25) Chloroform	7.673	83	288397	16.109	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	213064	16.758	ug/L	99
29) Cyclohexane	7.953	56	275645	15.317	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	226873	15.974	ug/L	99
31) Carbon tetrachloride	8.069	117	202612	15.852	ug/L	98
33) Benzene	8.325	78	643671	16.020	ug/L	100
34) Trichloroethene	9.093	95	161502	15.665	ug/L	95
35) Methylcyclohexane	9.337	83	273005	14.888	ug/L	98
37) 1,2-Dichloropropane	9.367	63	178472	16.213	ug/L	100
38) Bromodichloromethane	9.642	83	203431	16.108	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	263418	16.318	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	274462	38.306	ug/L	99
42) Toluene	10.386	91	655677	15.971	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	222877	16.663	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	125176	17.000	ug/L	97
46) Tetrachloroethene	10.867	164	115841	15.971	ug/L	88
48) 2-Hexanone	10.965	43	195354	38.059	ug/L	99
49) Dibromochloromethane	11.123	129	123750	16.233	ug/L	100
50) 1,2-Dibromoethane	11.233	107	119202	17.560	ug/L	92
51) Chlorobenzene	11.654	112	402693	15.834	ug/L	97
52) Ethylbenzene	11.727	91	748989	16.219	ug/L	99
53) m,p-Xylene	11.837	106	269907	15.880	ug/L	97
54) o-Xylene	12.166	106	256607	16.018	ug/L	96
55) Styrene	12.178	104	452218	16.493	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	164502	17.904	ug/L	100
59) Bromoform	12.349	173	74015	17.614	ug/L	97
60) Isopropylbenzene	12.458	105	696936	16.162	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	122091	18.210	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	548889	16.071	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	506036	16.055	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	295304	15.908	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	298148	15.897	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	268865	16.241	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	27323	17.574	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	177151	14.377	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	148440	14.379	ug/L	97
71) Naphthalene	15.360	128	322707	16.563	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	140666	15.357	ug/L	100

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

