

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032123\
 Data File : VW025459.D
 Acq On : 21 Mar 2023 11:29
 Operator : SY/MD
 Sample : 01979-18MS
 Misc : 4.89g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EYGC8MS

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2023
 Supervised By :Mahesh Dadoda 03/22/2023

Quant Time: Mar 22 01:31:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 22 01:30:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	939066	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	846795	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	415874	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	260459	16.681	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.720%		
7) Chloroethane-d5	2.899	69	206379	18.370	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	73.480%		
11) 1,1-Dichloroethene-d2	4.027	63	568120	18.839	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	75.360%		
21) 2-Butanone-d5	7.075	46	205095	53.514	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.020%		
24) Chloroform-d	7.648	84	564077	20.836	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	83.360%		
26) 1,2-Dichloroethane-d4	8.306	65	320991	22.091	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.360%		
32) Benzene-d6	8.276	84	1121597	19.384	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	77.520%		
36) 1,2-Dichloropropane-d6	9.276	67	372341	20.801	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	83.200%		
41) Toluene-d8	10.324	98	993271	19.470	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	77.880%		
43) trans-1,3-Dichloroprop...	10.580	79	153507	21.537	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.160%		
47) 2-Hexanone-d5	10.922	63	147887	57.455	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	114.920%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	317273	24.194	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	96.760%		
66) 1,2-Dichlorobenzene-d4	13.848	152	306434	19.814	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.240%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	201183	18.746	ug/L	98
3) Chloromethane	2.228	50	283615	22.221	ug/L	99
5) Vinyl chloride	2.375	62	312771	21.690	ug/L	99
6) Bromomethane	2.789	94	166698	21.683	ug/L	93
8) Chloroethane	2.935	64	187064	22.571	ug/L	96
9) Trichlorofluoromethane	3.271	101	245721	19.688	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	268660	22.197	ug/L	96
12) 1,1-Dichloroethene	4.045	96	254173	21.705	ug/L	86
13) Acetone	4.118	43	239757	65.076	ug/L	99
14) Carbon disulfide	4.392	76	795509	21.849	ug/L	98
15) Methyl Acetate	4.673	43	162408m	23.498	ug/L	
16) Methylene chloride	4.923	84	287606	21.995	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	269321	21.939	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	484935	26.239	ug/L	99
19) 1,1-Dichloroethane	6.221	63	570499	22.442	ug/L	98
20) cis-1,2-Dichloroethene	7.166	96	305130	22.702	ug/L	95
22) 2-Butanone	7.172	43	240469	50.455	ug/L	99
23) Bromochloromethane	7.514	128	130899	22.648	ug/L	91
25) Chloroform	7.678	83	536135	22.435	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	387670	24.308	ug/L	99
29) Cyclohexane	7.959	56	530028	22.174	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	420404	20.884	ug/L	99
31) Carbon tetrachloride	8.069	117	373245	20.685	ug/L	100
33) Benzene	8.325	78	1192617	22.029	ug/L	100
34) Trichloroethene	9.093	95	296016	20.832	ug/L	98
35) Methylcyclohexane	9.337	83	521501	21.305	ug/L	99
37) 1,2-Dichloropropane	9.367	63	337078	22.619	ug/L	99
38) Bromodichloromethane	9.642	83	387178	22.277	ug/L	99
39) cis-1,3-Dichloropropene	10.074	75	507271	23.628	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	512003	57.163	ug/L	99
42) Toluene	10.385	91	1239549	22.175	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	431471	23.999	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	236915	23.673	ug/L	97
46) Tetrachloroethene	10.861	164	208326	20.605	ug/L	99
48) 2-Hexanone	10.964	43	362161	56.200	ug/L	100
49) Dibromochloromethane	11.129	129	246557	23.057	ug/L	99
50) 1,2-Dibromoethane	11.233	107	220782	23.833	ug/L	99
51) Chlorobenzene	11.653	112	756432	21.322	ug/L	99
52) Ethylbenzene	11.727	91	1397026	21.913	ug/L	96
53) m,p-Xylene	11.836	106	517709	22.017	ug/L	96
54) o-Xylene	12.159	106	490971	22.189	ug/L	95
55) Styrene	12.178	104	791785	20.955	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	305105	24.508	ug/L	99
59) Bromoform	12.348	173	139263	23.210	ug/L	99
60) Isopropylbenzene	12.458	105	1370174	22.101	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	224190	24.743	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1111437	22.636	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1106310	22.872	ug/L	97
64) 1,3-Dichlorobenzene	13.494	146	539947	20.554	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	568696	21.105	ug/L	94
67) 1,2-Dichlorobenzene	13.866	146	498478	21.157	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	50349	24.003	ug/L	95
69) 1,3,5-Trichlorobenzene	14.622	180	335654	18.796	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	281500	19.013	ug/L	95
71) Naphthalene	15.360	128	603654	20.655	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	253531	19.065	ug/L	99

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

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