

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052223\
 Data File : VW026021.D
 Acq On : 22 May 2023 11:18
 Operator : SY/MD
 Sample : 02851-02MS
 Misc : 3.73g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0FJ2MS

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/23/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 23 01:23:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 23 01:22:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	760521	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	646067	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	280826	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	191705	17.788	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.160%		
7) Chloroethane-d5	2.899	69	171230	21.431	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.720%		
11) 1,1-Dichloroethene-d2	4.021	65	98873	18.322	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	73.280%		
21) 2-Butanone-d5	7.075	46	138486	38.870	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	77.740%		
24) Chloroform-d	7.648	84	496881	22.658	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	90.640%		
26) 1,2-Dichloroethane-d4	8.307	65	263242	21.228	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.920%		
32) Benzene-d6	8.270	84	936999	22.196	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.800%		
36) 1,2-Dichloropropane-d6	9.276	67	318042	23.547	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.200%		
41) Toluene-d8	10.325	98	806625	21.428	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	85.720%		
43) trans-1,3-Dichloroprop...	10.575	79	107927	19.712	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	78.840%		
47) 2-Hexanone-d5	10.922	63	96992	42.112	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.220%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	235028	22.830	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.320%		
66) 1,2-Dichlorobenzene-d4	13.848	152	211164	20.627	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	82.520%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	145917	17.174	ug/L	90
3) Chloromethane	2.222	50	258371	20.624	ug/L	99
5) Vinyl chloride	2.375	62	281823	21.734	ug/L	100
6) Bromomethane	2.789	94	144131	20.436	ug/L	94
8) Chloroethane	2.936	64	173950	23.592	ug/L	98
9) Trichlorofluoromethane	3.265	101	206035	21.054	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	228223	21.444	ug/L	96
12) 1,1-Dichloroethene	4.045	96	215790	21.216	ug/L	96
13) Acetone	4.118	43	185381	58.681	ug/L	99
14) Carbon disulfide	4.393	76	652148	18.959	ug/L	99
15) Methyl Acetate	4.667	43	81814m	13.142	ug/L	
16) Methylene chloride	4.917	84	260660	16.619	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	235341	21.209	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	374794	22.255	ug/L	100
19) 1,1-Dichloroethane	6.222	63	524964	23.027	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	269625	22.649	ug/L	100
22) 2-Butanone	7.167	43	195420	44.799	ug/L	100
23) Bromochloromethane	7.514	128	113206	22.447	ug/L	94
25) Chloroform	7.679	83	496314	23.687	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	331270	22.262	ug/L	100
29) Cyclohexane	7.959	56	420083	20.982	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	378104	23.930	ug/L	99
31) Carbon tetrachloride	8.069	117	324736	22.838	ug/L	100
33) Benzene	8.325	78	1072877	24.003	ug/L	100
34) Trichloroethene	9.093	95	263551	22.978	ug/L	98
35) Methylcyclohexane	9.337	83	375829	18.423	ug/L	99
37) 1,2-Dichloropropane	9.367	63	294271	24.030	ug/L	100
38) Bromodichloromethane	9.642	83	337113	23.994	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	388622	21.640	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	352301	44.197	ug/L	99
42) Toluene	10.386	91	1101984	24.128	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	332288	22.330	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	191846	23.419	ug/L	97
46) Tetrachloroethene	10.861	164	175474	21.746	ug/L	96
48) 2-Hexanone	10.965	43	263797	46.196	ug/L	96
49) Dibromochloromethane	11.129	129	194025	22.878	ug/L	99
50) 1,2-Dibromoethane	11.233	107	168010	22.247	ug/L	96
51) Chlorobenzene	11.654	112	640648	22.643	ug/L	97
52) Ethylbenzene	11.727	91	1186708	23.099	ug/L	98
53) m,p-Xylene	11.836	106	433581	22.931	ug/L	99
54) o-Xylene	12.166	106	414752	23.272	ug/L	90
55) Styrene	12.178	104	687500	22.538	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	222212	21.740	ug/L	95
59) Bromoform	12.349	173	106889	25.697	ug/L	99
60) Isopropylbenzene	12.458	105	1100748	25.787	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	164907	24.847	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	840833	24.869	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	764400	24.500	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	404594	22.018	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	410269	22.099	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	366298	22.352	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	33218	21.584	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	199704	16.372	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	147295	14.414	ug/L	99
71) Naphthalene	15.360	128	297375	15.418	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	117277	12.934	ug/L	98

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

