

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071323\
 Data File : VW026609.D
 Acq On : 13 Jul 2023 11:14
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025559

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/14/2023
 Supervised By : Mahesh Dadoda 07/14/2023

Quant Time: Jul 14 06:31:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 14 06:26:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	656517	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	594310	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	295319	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	217968	19.683	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.720%		
7) Chloroethane-d5	2.893	69	168496	21.683	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.720%		
11) 1,1-Dichloroethene-d2	4.021	65	104724	20.137	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	80.560%		
21) 2-Butanone-d5	7.075	46	140493	39.255	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.500%		
24) Chloroform-d	7.642	84	455558	24.102	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.400%		
26) 1,2-Dichloroethane-d4	8.301	65	243646	23.086	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.360%		
32) Benzene-d6	8.270	84	920920	22.573	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	90.280%		
36) 1,2-Dichloropropane-d6	9.270	67	284728	22.697	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	90.800%		
41) Toluene-d8	10.319	98	802270	22.927	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.720%		
43) trans-1,3-Dichloroprop...	10.575	79	112596	22.398	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.600%		
47) 2-Hexanone-d5	10.922	63	99132	40.498	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	81.000%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	223205	21.011	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	84.040%		
66) 1,2-Dichlorobenzene-d4	13.849	152	239744	22.111	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.440%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	163387m	22.062	ug/L	
3) Chloromethane	2.223	50	238615	22.550	ug/L	98
5) Vinyl chloride	2.375	62	235478	21.116	ug/L	97
6) Bromomethane	2.783	94	136349	23.000	ug/L	98
8) Chloroethane	2.930	64	146229	23.451	ug/L	97
9) Trichlorofluoromethane	3.265	101	167470	20.275	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	205160	22.381	ug/L	93
12) 1,1-Dichloroethene	4.045	96	198784	22.602	ug/L	87
13) Acetone	4.119	43	89317	34.694	ug/L	94
14) Carbon disulfide	4.387	76	682912	22.150	ug/L	98
15) Methyl Acetate	4.661	43	118633	19.180	ug/L	99
16) Methylene chloride	4.917	84	237935	20.515	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	218483	23.234	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	332415	22.586	ug/L	99
19) 1,1-Dichloroethane	6.216	63	454632	24.181	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	242154	24.868	ug/L	98
22) 2-Butanone	7.167	43	152517	38.904	ug/L	100
23) Bromochloromethane	7.508	128	100611	24.121	ug/L	96
25) Chloroform	7.673	83	422931	24.552	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	293751	24.224	ug/L	98
29) Cyclohexane	7.953	56	412101	22.271	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	329611	22.628	ug/L	99
31) Carbon tetrachloride	8.069	117	300318	22.712	ug/L	99
33) Benzene	8.319	78	982948	24.004	ug/L	100
34) Trichloroethene	9.087	95	241805	22.988	ug/L	96
35) Methylcyclohexane	9.331	83	434430	23.001	ug/L	99
37) 1,2-Dichloropropane	9.368	63	259045	23.821	ug/L	99
38) Bromodichloromethane	9.642	83	295715	23.935	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	376537	24.050	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	334292	40.728	ug/L	99
42) Toluene	10.386	91	1003985	24.278	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	316872	23.998	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	174624	23.008	ug/L	96
46) Tetrachloroethene	10.861	164	170137	22.784	ug/L	90
48) 2-Hexanone	10.965	43	226156	39.481	ug/L	100
49) Dibromochloromethane	11.130	129	179065	23.827	ug/L	97
50) 1,2-Dibromoethane	11.233	107	157924	22.073	ug/L	100
51) Chlorobenzene	11.654	112	608157	23.985	ug/L	99
52) Ethylbenzene	11.727	91	1104028	23.980	ug/L	98
53) m,p-Xylene	11.837	106	416504	24.867	ug/L	95
54) o-Xylene	12.166	106	390466	24.837	ug/L	100
55) Styrene	12.178	104	691064	26.061	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.715	83	215875	21.673	ug/L	95
59) Bromoform	12.349	173	100097	21.430	ug/L	94
60) Isopropylbenzene	12.459	105	1063349	23.272	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	158403	19.859	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	872622	24.899	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	860958	24.778	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	448639	23.400	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	440590	23.042	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	401270	23.648	ug/L	87
68) 1,2-Dibromo-3-chloropr...	14.483	75	34417	18.129	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	287618	22.669	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	240866	23.133	ug/L	99
71) Naphthalene	15.361	128	502555	21.314	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	212356	21.664	ug/L	96

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

