

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020224\
 Data File : VW027918.D
 Acq On : 02 Feb 2024 09:19
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025593

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/05/2024
 Supervised By :Mahesh Dadoda 02/06/2024

Quant Time: Feb 02 22:56:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 01 21:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	292930	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	265950	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	140027	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	84717	23.695	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.800%		
7) Chloroethane-d5	2.899	69	69249	22.093	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.360%		
11) 1,1-Dichloroethene-d2	4.021	65	37436	23.277	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	93.120%		
21) 2-Butanone-d5	7.087	46	34271	57.968	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	115.940%		
24) Chloroform-d	7.648	84	194428	27.449	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	109.800%		
26) 1,2-Dichloroethane-d4	8.307	65	90636	28.243	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	112.960%		
32) Benzene-d6	8.276	84	398677	26.412	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	105.640%		
36) 1,2-Dichloropropane-d6	9.270	67	110188	26.387	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	105.560%		
41) Toluene-d8	10.319	98	383812	27.199	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	108.800%		
43) trans-1,3-Dichloroprop...	10.575	79	46277	28.509	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	114.040%		
47) 2-Hexanone-d5	10.922	63	32009	58.396	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	116.800%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	87787	29.510	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	118.040%		
66) 1,2-Dichlorobenzene-d4	13.848	152	137823	27.999	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	112.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	64209m	21.131	ug/L	
3) Chloromethane	2.223	50	66435	17.593	ug/L	97
5) Vinyl chloride	2.375	62	89708	23.538	ug/L	100
6) Bromomethane	2.789	94	58393	19.678	ug/L	91
8) Chloroethane	2.936	64	49841	19.850	ug/L	100
9) Trichlorofluoromethane	3.265	101	73191	16.736	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	82169	23.086	ug/L	99
12) 1,1-Dichloroethene	4.039	96	77937	22.368	ug/L	86
13) Acetone	4.143	43	30183m	39.946	ug/L	
14) Carbon disulfide	4.387	76	217944	20.349	ug/L	99
15) Methyl Acetate	4.685	43	21251	20.673	ug/L	92
16) Methylene chloride	4.917	84	80726	19.008	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	83029	22.303	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	97422	21.419	ug/L	99
19) 1,1-Dichloroethane	6.216	63	138474	21.925	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	90785	22.421	ug/L	93
22) 2-Butanone	7.179	43	32566	44.433	ug/L	96
23) Bromochloromethane	7.514	128	40667	23.148	ug/L	95
25) Chloroform	7.679	83	149329	22.871	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	86583	23.462	ug/L	96
29) Cyclohexane	7.959	56	113297	20.937	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	123648	23.181	ug/L	97
31) Carbon tetrachloride	8.069	117	114340	24.711	ug/L	97
33) Benzene	8.325	78	323451	22.033	ug/L	100
34) Trichloroethene	9.087	95	92944	23.163	ug/L	94
35) Methylcyclohexane	9.331	83	147874	21.896	ug/L	99
37) 1,2-Dichloropropane	9.368	63	77234	21.839	ug/L	99
38) Bromodichloromethane	9.642	83	103641	23.437	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	127396	23.378	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	60864	44.121	ug/L	99
42) Toluene	10.386	91	364238	22.799	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	102839	24.448	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	60228	22.732	ug/L	94
46) Tetrachloroethene	10.861	164	78400	23.963	ug/L	97
48) 2-Hexanone	10.965	43	48805	48.862	ug/L	99
49) Dibromochloromethane	11.129	129	70555	24.371	ug/L	99
50) 1,2-Dibromoethane	11.233	107	58791	24.075	ug/L	93
51) Chlorobenzene	11.654	112	242461	22.983	ug/L	96
52) Ethylbenzene	11.727	91	418958	23.264	ug/L	96
53) m,p-Xylene	11.837	106	161816	23.086	ug/L	98
54) o-Xylene	12.160	106	155567	23.693	ug/L	99
55) Styrene	12.178	104	269508	24.297	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	66238	23.189	ug/L	95
59) Bromoform	12.349	173	39300	22.857	ug/L #	93
60) Isopropylbenzene	12.458	105	435120	22.855	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	45586	21.500	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	350263	22.899	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	345453	22.762	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	199531	22.845	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	190784	22.348	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	179198	24.072	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	9114	22.026	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	140977	23.444	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	113992	23.087	ug/L	92
71) Naphthalene	15.360	128	188170	23.200	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	99067	23.858	ug/L	99

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

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