

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110623\
 Data File : VW027554.D
 Acq On : 06 Nov 2023 18:25
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025553

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/07/2023
 Supervised By : Mahesh Dadoda 11/09/2023

Quant Time: Nov 07 00:56:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 07 00:52:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	477197	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	430793	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	215076	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	189542	21.913	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.640%		
7) Chloroethane-d5	2.899	69	131249	22.085	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.320%		
11) 1,1-Dichloroethene-d2	4.021	65	82448	21.895	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	87.560%		
21) 2-Butanone-d5	7.075	46	96461	51.713	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	103.420%		
24) Chloroform-d	7.648	84	324756	23.326	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.320%		
26) 1,2-Dichloroethane-d4	8.307	65	169065	23.899	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.600%		
32) Benzene-d6	8.276	84	681270	23.654	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	94.600%		
36) 1,2-Dichloropropane-d6	9.276	67	210596	23.675	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.720%		
41) Toluene-d8	10.325	98	608239	23.604	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.400%		
43) trans-1,3-Dichloroprop...	10.575	79	81136	23.795	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	95.200%		
47) 2-Hexanone-d5	10.922	63	72961	53.875	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.760%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	153722	25.704	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	102.800%		
66) 1,2-Dichlorobenzene-d4	13.848	152	187224	22.902	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	116403	22.136	ug/L	99
3) Chloromethane	2.222	50	167293	23.728	ug/L	100
5) Vinyl chloride	2.375	62	186802	23.355	ug/L	98
6) Bromomethane	2.789	94	105204	23.853	ug/L	98
8) Chloroethane	2.936	64	106824	23.527	ug/L	99
9) Trichlorofluoromethane	3.271	101	133136	21.993	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	147889	23.582	ug/L	94
12) 1,1-Dichloroethene	4.045	96	146718	23.300	ug/L	96
13) Acetone	4.118	43	104711	52.974	ug/L	99
14) Carbon disulfide	4.387	76	497622	22.975	ug/L	99
15) Methyl Acetate	4.667	43	80008m	26.345	ug/L	
16) Methylene chloride	4.917	84	169497	21.762	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	160360	24.045	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	249485	25.074	ug/L	99
19) 1,1-Dichloroethane	6.222	63	323619	24.374	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	175553	24.352	ug/L	99
22) 2-Butanone	7.167	43	130346	51.204	ug/L	100
23) Bromochloromethane	7.520	128	72207	24.090	ug/L	98
25) Chloroform	7.679	83	300421	24.371	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	199554	24.602	ug/L	98
29) Cyclohexane	7.959	56	311770	23.891	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	240673	23.870	ug/L	100
31) Carbon tetrachloride	8.069	117	213964	24.245	ug/L	97
33) Benzene	8.325	78	692947	24.344	ug/L	100
34) Trichloroethene	9.093	95	177648	24.147	ug/L	98
35) Methylcyclohexane	9.331	83	320064	24.017	ug/L	99
37) 1,2-Dichloropropane	9.367	63	186423	24.908	ug/L	100
38) Bromodichloromethane	9.642	83	211837	24.884	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	283205	25.555	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	226927	54.299	ug/L	100
42) Toluene	10.386	91	725156	24.555	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	226446	25.468	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	121435	24.953	ug/L	96
46) Tetrachloroethene	10.861	164	128567	24.351	ug/L	88
48) 2-Hexanone	10.965	43	183926	55.306	ug/L	99
49) Dibromochloromethane	11.123	129	125962	25.602	ug/L	93
50) 1,2-Dibromoethane	11.233	107	115178	25.256	ug/L	96
51) Chlorobenzene	11.654	112	437547	24.073	ug/L	98
52) Ethylbenzene	11.727	91	832418	24.715	ug/L	99
53) m,p-Xylene	11.836	106	309464	24.919	ug/L	96
54) o-Xylene	12.160	106	294120	25.015	ug/L	99
55) Styrene	12.178	104	507445	25.468	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	150663	26.428	ug/L	99
59) Bromoform	12.349	173	64639	23.285	ug/L	98
60) Isopropylbenzene	12.458	105	817353	23.203	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	108467	24.448	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	632625	23.555	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	650530	23.668	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	331815	23.180	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	327512	22.839	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	297018	23.779	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	23122	23.480	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	214171	23.324	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	170687	22.878	ug/L	92
71) Naphthalene	15.360	128	342611	24.662	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	141583	22.818	ug/L	99

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

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