

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120723\
 Data File : VW027571.D
 Acq On : 07 Dec 2023 09:05
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025555

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
 Supervised By :Mahesh Dadoda 12/11/2023

Quant Time: Dec 08 05:07:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 07 06:54:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	261976	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	240820	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	117782	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	106374	20.178	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.720%		
7) Chloroethane-d5	2.899	69	82348	21.547	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.200%		
11) 1,1-Dichloroethene-d2	4.021	65	47988	21.512	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	86.040%		
21) 2-Butanone-d5	7.075	46	71187m	51.531	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	103.060%		
24) Chloroform-d	7.648	84	187766	24.012	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.040%		
26) 1,2-Dichloroethane-d4	8.307	65	97313	24.335	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.360%		
32) Benzene-d6	8.276	84	386948	22.813	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.240%		
36) 1,2-Dichloropropane-d6	9.270	67	117271	23.453	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.800%		
41) Toluene-d8	10.325	98	336128	22.650	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.600%		
43) trans-1,3-Dichloroprop...	10.575	79	44706	23.120	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	92.480%		
47) 2-Hexanone-d5	10.922	63	48249	51.788	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	103.580%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	100170	24.355	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	97.440%		
66) 1,2-Dichlorobenzene-d4	13.848	152	101622	24.614	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.440%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	74248	21.167	ug/L	99
3) Chloromethane	2.222	50	93515	21.768	ug/L	98
5) Vinyl chloride	2.375	62	111583	22.267	ug/L	96
6) Bromomethane	2.795	94	60384	22.961	ug/L	97
8) Chloroethane	2.936	64	66180	23.122	ug/L	98
9) Trichlorofluoromethane	3.277	101	111026	23.133	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	99601	24.337	ug/L	96
12) 1,1-Dichloroethene	4.051	96	89938	24.069	ug/L	80
13) Acetone	4.118	43	66888	50.227	ug/L	98
14) Carbon disulfide	4.387	76	246010	21.786	ug/L	96
15) Methyl Acetate	4.667	43	55430	23.816	ug/L	98
16) Methylene chloride	4.923	84	99548	23.302	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	92880	24.106	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	164967	26.544	ug/L	98
19) 1,1-Dichloroethane	6.222	63	195770	24.985	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	103389	24.986	ug/L	96
22) 2-Butanone	7.167	43	86927	50.596	ug/L	100
23) Bromochloromethane	7.520	128	42378	26.039	ug/L	97
25) Chloroform	7.679	83	182634	25.670	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	119689	26.029	ug/L	99
29) Cyclohexane	7.959	56	177235	22.386	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	159565	23.753	ug/L	100
31) Carbon tetrachloride	8.069	117	135898	23.193	ug/L	99
33) Benzene	8.325	78	400707	24.108	ug/L	100
34) Trichloroethene	9.093	95	103884	22.882	ug/L	99
35) Methylcyclohexane	9.331	83	182734	22.605	ug/L	99
37) 1,2-Dichloropropane	9.367	63	110150	25.100	ug/L	99
38) Bromodichloromethane	9.648	83	126942	25.022	ug/L #	98
39) cis-1,3-Dichloropropene	10.075	75	160818	25.386	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	156133	52.635	ug/L	100
42) Toluene	10.386	91	429139	24.411	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	132629	25.953	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	77338	25.305	ug/L	97
46) Tetrachloroethene	10.861	164	78019	24.106	ug/L	94
48) 2-Hexanone	10.965	43	108090	51.704	ug/L	98
49) Dibromochloromethane	11.129	129	78135	25.864	ug/L	99
50) 1,2-Dibromoethane	11.233	107	70892	25.354	ug/L	98
51) Chlorobenzene	11.654	112	254077	23.957	ug/L	98
52) Ethylbenzene	11.727	91	493124	24.694	ug/L	97
53) m,p-Xylene	11.837	106	182732	24.834	ug/L	100
54) o-Xylene	12.166	106	170493	25.493	ug/L	93
55) Styrene	12.178	104	293083	25.676	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	103331	25.971	ug/L	98
59) Bromoform	12.349	173	43255	26.221	ug/L	98
60) Isopropylbenzene	12.458	105	497991	25.608	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	74490	26.221	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	368481	25.619	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	376478	26.281	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	196044	26.318	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	201425	27.110	ug/L	95
67) 1,2-Dichlorobenzene	13.861	146	164527	24.516	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	16383	23.976	ug/L	85
69) 1,3,5-Trichlorobenzene	14.623	180	128291	25.612	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	102225	26.281	ug/L	93
71) Naphthalene	15.360	128	207890	25.410	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	86078	25.833	ug/L	93

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

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