

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030823\
 Data File : VW025378.D
 Acq On : 08 Mar 2023 09:08
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025546

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/09/2023
 Supervised By : Mahesh Dadoda 03/09/2023

Quant Time: Mar 09 01:01:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 07 05:10:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	793492	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	705742	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	352046	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	329173	24.950	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.800%
7) Chloroethane-d5	2.899	69	237147	24.981	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.920%
11) 1,1-Dichloroethene-d2	4.027	63	648941	25.466	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.880%
21) 2-Butanone-d5	7.075	46	139016	42.927	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.860%
24) Chloroform-d	7.648	84	568734	24.862	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.440%
26) 1,2-Dichloroethane-d4	8.307	65	295846	24.096	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	8.276	84	1187653	24.628	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.520%
36) 1,2-Dichloropropane-d6	9.270	67	361980	24.264	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.040%
41) Toluene-d8	10.325	98	1066337	25.080	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.320%
43) trans-1,3-Dichloroprop...	10.575	79	140740	23.692	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.760%
47) 2-Hexanone-d5	10.922	63	95737	44.628	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.260%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	249232	22.804	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	13.848	152	313765	23.967	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.880%
Target Compounds						
2) Dichlorodifluoromethane	2.021	85	255625m	28.189	ug/L	
3) Chloromethane	2.222	50	311531	28.886	ug/L	99
5) Vinyl chloride	2.375	62	351861	28.878	ug/L	98
6) Bromomethane	2.789	94	184486	28.399	ug/L	100
8) Chloroethane	2.936	64	199014	28.418	ug/L	97
9) Trichlorofluoromethane	3.271	101	288231	27.330	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	288392	28.198	ug/L	98
12) 1,1-Dichloroethene	4.045	96	269351	27.221	ug/L	93
13) Acetone	4.131	43	176776	56.784	ug/L	98
14) Carbon disulfide	4.387	76	915401	29.754	ug/L	99
15) Methyl Acetate	4.673	43	129667	22.203	ug/L	99
16) Methylene chloride	4.917	84	291648	26.396	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	285710	27.544	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	388807	24.898	ug/L	99
19) 1,1-Dichloroethane	6.216	63	568921	26.486	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	301332	26.533	ug/L	97
22) 2-Butanone	7.173	43	201999	50.159	ug/L	99
23) Bromochloromethane	7.514	128	121360	24.849	ug/L	91
25) Chloroform	7.679	83	525524	26.025	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	343706	25.505	ug/L	99
29) Cyclohexane	7.959	56	559200	28.071	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	440750	26.271	ug/L	100
31) Carbon tetrachloride	8.069	117	394019	26.201	ug/L	99
33) Benzene	8.325	78	1203488	26.672	ug/L	100
34) Trichloroethene	9.093	95	310666	26.233	ug/L	97
35) Methylcyclohexane	9.337	83	575302	28.200	ug/L	98
37) 1,2-Dichloropropane	9.367	63	317327	25.549	ug/L	100
38) Bromodichloromethane	9.642	83	363987	25.129	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	466312	26.061	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	352566	47.230	ug/L	99
42) Toluene	10.386	91	1248517	26.799	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	377998	25.226	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	201018	24.100	ug/L	97
46) Tetrachloroethene	10.861	164	221148	26.245	ug/L	97
48) 2-Hexanone	10.965	43	282872	52.670	ug/L	100
49) Dibromochloromethane	11.123	129	217129	24.363	ug/L	98
50) 1,2-Dibromoethane	11.233	107	185934	24.082	ug/L	97
51) Chlorobenzene	11.654	112	749850	25.361	ug/L	99
52) Ethylbenzene	11.727	91	1420472	26.734	ug/L	99
53) m,p-Xylene	11.837	106	525962	26.839	ug/L	96
54) o-Xylene	12.166	106	493702	26.772	ug/L	96
55) Styrene	12.178	104	858727	27.269	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.714	83	241073	23.235	ug/L	98
59) Bromoform	12.349	173	116815	22.999	ug/L	98
60) Isopropylbenzene	12.464	105	1383820	26.368	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	176425	23.001	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1121093	26.973	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1117254	27.286	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	555946	25.000	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	561871	24.632	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	491761	24.656	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	37112	20.900	ug/L	96
69) 1,3,5-Trichlorobenzene	14.629	180	381645	25.247	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	310405	24.766	ug/L	99
71) Naphthalene	15.360	128	598614	24.196	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	271164	24.087	ug/L	99

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

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