

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072623\
 Data File : VW026662.D
 Acq On : 26 Jul 2023 15:53
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025570

Quant Time: Jul 27 03:03:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 27 03:01:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	619011	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	583569	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	293005	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	205398	19.671	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.680%		
7) Chloroethane-d5	2.893	69	165772	22.625	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.520%		
11) 1,1-Dichloroethene-d2	4.027	65	96659	19.712	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	78.840%		
21) 2-Butanone-d5	7.075	46	136475	40.443	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.880%		
24) Chloroform-d	7.648	84	448463	25.164	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	100.640%		
26) 1,2-Dichloroethane-d4	8.307	65	246244	24.746	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.000%		
32) Benzene-d6	8.270	84	899642	22.457	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.840%		
36) 1,2-Dichloropropane-d6	9.270	67	284427	23.090	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	92.360%		
41) Toluene-d8	10.325	98	784706	22.838	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.360%		
43) trans-1,3-Dichloroprop...	10.575	79	108293	21.938	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	87.760%		
47) 2-Hexanone-d5	10.922	63	92946	38.669	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	77.340%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	220673	21.155	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	84.600%		
66) 1,2-Dichlorobenzene-d4	13.848	152	254659	23.672	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.680%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	127300	18.231	ug/L	95
3) Chloromethane	2.228	50	224945	22.547	ug/L	98
5) Vinyl chloride	2.375	62	228510	21.733	ug/L	100
6) Bromomethane	2.783	94	131960	23.608	ug/L	98
8) Chloroethane	2.936	64	140833	23.954	ug/L	96
9) Trichlorofluoromethane	3.259	101	151615	19.468	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	208488	24.122	ug/L	98
12) 1,1-Dichloroethene	4.051	96	190604	22.985	ug/L	90
13) Acetone	4.118	43	91155	37.553	ug/L	97
14) Carbon disulfide	4.393	76	629724	21.663	ug/L	98
15) Methyl Acetate	4.667	43	127480	21.859	ug/L	99
16) Methylene chloride	4.923	84	249010	22.771	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	219550	24.762	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	348500	25.114	ug/L	99
19) 1,1-Dichloroethane	6.216	63	471371	26.591	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	250135	27.244	ug/L	99
22) 2-Butanone	7.167	43	163384	44.201	ug/L	100
23) Bromochloromethane	7.514	128	104845	26.659	ug/L	96
25) Chloroform	7.673	83	442197	27.226	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	315480	27.592	ug/L	98
29) Cyclohexane	7.953	56	387721	21.339	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	333120	23.290	ug/L	98
31) Carbon tetrachloride	8.069	117	306279	23.589	ug/L	96
33) Benzene	8.319	78	981022	24.398	ug/L	100
34) Trichloroethene	9.087	95	239737	23.211	ug/L	95
35) Methylcyclohexane	9.331	83	407677	21.982	ug/L	99
37) 1,2-Dichloropropane	9.367	63	273620	25.624	ug/L	99
38) Bromodichloromethane	9.642	83	320240	26.397	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	390803	25.421	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	357807	44.395	ug/L	99
42) Toluene	10.386	91	1018491	25.082	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	335224	25.855	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	189072	25.370	ug/L	99
46) Tetrachloroethene	10.861	164	172914	23.582	ug/L	85
48) 2-Hexanone	10.965	43	246640	43.850	ug/L	97
49) Dibromochloromethane	11.123	129	193267	26.190	ug/L	94
50) 1,2-Dibromoethane	11.233	107	167836	23.891	ug/L	96
51) Chlorobenzene	11.654	112	626714	25.172	ug/L	99
52) Ethylbenzene	11.727	91	1150177	25.442	ug/L	98
53) m,p-Xylene	11.836	106	423336	25.740	ug/L	91
54) o-Xylene	12.166	106	403414	26.132	ug/L	99
55) Styrene	12.178	104	708044	27.192	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	233626	23.887	ug/L	96
59) Bromoform	12.349	173	113445	24.480	ug/L #	95
60) Isopropylbenzene	12.458	105	1073629	23.683	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	172127	21.750	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	893623	25.700	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	881938	25.583	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	455230	23.931	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	489618	25.808	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	425686	25.285	ug/L	87
68) 1,2-Dibromo-3-chloropr...	14.482	75	37206	19.752	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	293985	23.353	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	255070	24.691	ug/L	99
71) Naphthalene	15.360	128	543548	23.234	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	239737	24.651	ug/L	99

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

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