

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040723\
 Data File : VW025564.D
 Acq On : 07 Apr 2023 12:32
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025566

Quant Time: Apr 07 23:04:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 04 03:07:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	704214	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	626773	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	307481	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	234099	20.428	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.720%
7) Chloroethane-d5	2.899	69	169985	20.834	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.320%
11) 1,1-Dichloroethene-d2	4.033	63	502819	21.697	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.800%
21) 2-Butanone-d5	7.075	46	135531	53.015	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.020%
24) Chloroform-d	7.648	84	454778	23.000	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	8.307	65	238728	23.208	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.840%
32) Benzene-d6	8.276	84	894709	22.046	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	9.270	67	285424	22.556	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.240%
41) Toluene-d8	10.319	98	799004	22.538	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.160%
43) trans-1,3-Dichloroprop...	10.575	79	108952	22.965	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.840%
47) 2-Hexanone-d5	10.922	63	94508	54.639	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.280%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	213472	24.994	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	243777	23.077	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	240312	24.403	ug/L	94
3) Chloromethane	2.223	50	299863	26.246	ug/L	99
5) Vinyl chloride	2.381	62	324982	25.731	ug/L	95
6) Bromomethane	2.789	94	166792	24.549	ug/L	96
8) Chloroethane	2.936	64	180836	25.564	ug/L	97
9) Trichlorofluoromethane	3.271	101	219918	22.602	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	261883	26.821	ug/L	100
12) 1,1-Dichloroethene	4.045	96	252757	25.861	ug/L	96
13) Acetone	4.119	43	116774	53.970	ug/L	99
14) Carbon disulfide	4.393	76	836417	24.256	ug/L	100
15) Methyl Acetate	4.667	43	137558	28.298	ug/L	99
16) Methylene chloride	4.917	84	272511	24.345	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	263361	25.345	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	381070	26.574	ug/L	100
19) 1,1-Dichloroethane	6.216	63	546691	26.333	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	281332	26.022	ug/L #	98
22) 2-Butanone	7.167	43	175421	57.032	ug/L	99
23) Bromochloromethane	7.514	128	116046	26.174	ug/L	92
25) Chloroform	7.673	83	503725	26.533	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	341690	26.821	ug/L	99
29) Cyclohexane	7.953	56	523092	25.785	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	399457	25.650	ug/L	100
31) Carbon tetrachloride	8.069	117	358044	25.458	ug/L	97
33) Benzene	8.325	78	1135047	26.018	ug/L	100
34) Trichloroethene	9.087	95	285862	25.191	ug/L	96
35) Methylcyclohexane	9.337	83	523716	25.559	ug/L	99
37) 1,2-Dichloropropane	9.368	63	304784	26.453	ug/L	100
38) Bromodichloromethane	9.642	83	350389	26.580	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	444116	26.872	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	371422	56.953	ug/L	100
42) Toluene	10.386	91	1168049	26.294	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	366020	26.857	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	199544	27.162	ug/L	98
46) Tetrachloroethene	10.861	164	203143	25.454	ug/L	93
48) 2-Hexanone	10.965	43	256650	56.958	ug/L	95
49) Dibromochloromethane	11.123	129	213629	27.619	ug/L	99
50) 1,2-Dibromoethane	11.233	107	183195	27.140	ug/L	96
51) Chlorobenzene	11.654	112	712912	26.043	ug/L	96
52) Ethylbenzene	11.727	91	1318615	26.230	ug/L	99
53) m,p-Xylene	11.837	106	489072	26.529	ug/L	99
54) o-Xylene	12.160	106	461561	26.763	ug/L	99
55) Styrene	12.178	104	791705	27.273	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	244436	27.778	ug/L	99
59) Bromoform	12.349	173	118635	28.156	ug/L	96
60) Isopropylbenzene	12.458	105	1316969	27.342	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	176356	27.674	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1049464	27.601	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1010848	27.610	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	525672	26.336	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	530796	26.039	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	465118	26.580	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	39348	28.147	ug/L	96
69) 1,3,5-Trichlorobenzene	14.629	180	343269	25.687	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	298098	27.460	ug/L	95
71) Naphthalene	15.360	128	597079	29.476	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	261186	27.518	ug/L	94

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

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