

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
 Data File : VW025519.D
 Acq On : 31 Mar 2023 09:04
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025562

Quant Time: Apr 01 00:30:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 31 02:21:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	715664	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	639000	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	313461	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	229534	19.290	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.160%
7) Chloroethane-d5	2.899	69	191930	22.416	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.680%
11) 1,1-Dichloroethene-d2	4.027	63	537441	23.384	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.520%
21) 2-Butanone-d5	7.081	46	135526	46.400	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.800%
24) Chloroform-d	7.648	84	542995	26.319	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.280%
26) 1,2-Dichloroethane-d4	8.307	65	274314	24.772	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.080%
32) Benzene-d6	8.276	84	1068934	24.482	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.920%
36) 1,2-Dichloropropane-d6	9.276	67	341932	25.314	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.240%
41) Toluene-d8	10.319	98	929706	24.151	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	10.575	79	125781	23.385	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.560%
47) 2-Hexanone-d5	10.922	63	89405	46.030	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	234198	23.666	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	294661	25.278	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	199722	24.420	ug/L	97
3) Chloromethane	2.223	50	253562	26.067	ug/L	100
5) Vinyl chloride	2.375	62	296861	27.013	ug/L	98
6) Bromomethane	2.789	94	153294	26.164	ug/L	98
8) Chloroethane	2.936	64	174875	27.687	ug/L	98
9) Trichlorofluoromethane	3.271	101	230022	24.183	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	248666	26.958	ug/L	97
12) 1,1-Dichloroethene	4.045	96	243250	27.256	ug/L	94
13) Acetone	4.131	43	123545	44.001	ug/L	96
14) Carbon disulfide	4.393	76	744236	26.821	ug/L	98
15) Methyl Acetate	4.673	43	110679	21.012	ug/L	96
16) Methylene chloride	4.917	84	272077	27.302	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	252626	27.003	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	361802	25.688	ug/L	99
19) 1,1-Dichloroethane	6.222	63	540460	27.897	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	281321	27.465	ug/L	99
22) 2-Butanone	7.173	43	154492	42.534	ug/L	100
23) Bromochloromethane	7.514	128	114870	26.078	ug/L	94
25) Chloroform	7.679	83	505266	27.743	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	321133	26.422	ug/L	99
29) Cyclohexane	7.959	56	512051	28.389	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	409343	26.948	ug/L	100
31) Carbon tetrachloride	8.069	117	360193	26.453	ug/L	98
33) Benzene	8.325	78	1134274	27.764	ug/L	100
34) Trichloroethene	9.093	95	285847	26.658	ug/L	97
35) Methylcyclohexane	9.337	83	509613	27.589	ug/L	99
37) 1,2-Dichloropropane	9.368	63	301346	26.797	ug/L	100
38) Bromodichloromethane	9.648	83	341961	26.074	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	431970	26.664	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	309381	45.773	ug/L	99
42) Toluene	10.386	91	1178787	27.945	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	352513	25.983	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	183702	24.325	ug/L	98
46) Tetrachloroethene	10.861	164	196942	25.813	ug/L	92
48) 2-Hexanone	10.965	43	229567	47.209	ug/L	99
49) Dibromochloromethane	11.123	129	201500	24.971	ug/L	98
50) 1,2-Dibromoethane	11.233	107	162423	23.235	ug/L	89
51) Chlorobenzene	11.654	112	707205	26.417	ug/L	99
52) Ethylbenzene	11.727	91	1341169	27.878	ug/L	97
53) m,p-Xylene	11.837	106	486344	27.409	ug/L	98
54) o-Xylene	12.160	106	459211	27.503	ug/L	96
55) Styrene	12.178	104	801728	28.118	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	216562	23.053	ug/L	98
59) Bromoform	12.349	173	103230	22.826	ug/L #	97
60) Isopropylbenzene	12.458	105	1311250	28.061	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	155635	22.789	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1063669	28.741	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1057113	28.995	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	531469	26.841	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	533837	26.284	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	469850	26.457	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.483	75	31971	20.221	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	362107	26.903	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	287130	25.729	ug/L	98
71) Naphthalene	15.360	128	527821	23.960	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	245630	24.505	ug/L	97

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

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