

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026462.D
 Acq On : 30 Jun 2023 10:26
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025545

Quant Time: Jun 30 23:36:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 01:16:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	906437	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	774143	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	380769	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	243314	23.575	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.320%
7) Chloroethane-d5	2.893	69	187139	22.268	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.080%
11) 1,1-Dichloroethene-d2	4.021	65	119323	23.107	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.440%
21) 2-Butanone-d5	7.075	46	175168	44.910	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.820%
24) Chloroform-d	7.648	84	483549	21.886	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.560%
26) 1,2-Dichloroethane-d4	8.307	65	260121	21.540	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.160%
32) Benzene-d6	8.276	84	1005881	22.342	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.360%
36) 1,2-Dichloropropane-d6	9.276	67	321353	22.394	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.560%
41) Toluene-d8	10.325	98	881461	22.164	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.640%
43) trans-1,3-Dichloroprop...	10.575	79	125830	21.754	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.000%
47) 2-Hexanone-d5	10.922	63	115337	48.062	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	252674	22.805	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	275079	20.747	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	210398	23.787	ug/L	91
3) Chloromethane	2.222	50	272921	21.889	ug/L	96
5) Vinyl chloride	2.375	62	283981	22.100	ug/L	99
6) Bromomethane	2.783	94	153350	20.985	ug/L	100
8) Chloroethane	2.930	64	164140	21.061	ug/L	99
9) Trichlorofluoromethane	3.265	101	199844	21.388	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	229915	22.169	ug/L	99
12) 1,1-Dichloroethene	4.051	96	220742	21.746	ug/L	85
13) Acetone	4.118	43	114296	41.482	ug/L	98
14) Carbon disulfide	4.393	76	709866	21.609	ug/L	99
15) Methyl Acetate	4.667	43	134902	22.549	ug/L	99
16) Methylene chloride	4.917	84	243063	15.870	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	239930	21.973	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	405419	22.720	ug/L	99
19) 1,1-Dichloroethane	6.216	63	484158	22.036	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	262157	21.196	ug/L	95
22) 2-Butanone	7.167	43	189354	41.917	ug/L	97
23) Bromochloromethane	7.514	128	105146	20.441	ug/L	97
25) Chloroform	7.679	83	437114	20.497	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	296544	20.337	ug/L	98
29) Cyclohexane	7.959	56	472386	21.525	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	350147	21.232	ug/L	99
31) Carbon tetrachloride	8.069	117	314198	21.162	ug/L	100
33) Benzene	8.325	78	1020928	21.059	ug/L	100
34) Trichloroethene	9.093	95	257374	20.841	ug/L	96
35) Methylcyclohexane	9.337	83	474385	21.562	ug/L	100
37) 1,2-Dichloropropane	9.367	63	270261	21.000	ug/L	100
38) Bromodichloromethane	9.642	83	304621	21.089	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	412279	21.403	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	380362	43.045	ug/L	99
42) Toluene	10.386	91	1049947	21.169	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	336995	21.407	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	183980	20.986	ug/L	98
46) Tetrachloroethene	10.861	164	181879	20.832	ug/L	93
48) 2-Hexanone	10.965	43	270151	45.549	ug/L	98
49) Dibromochloromethane	11.129	129	185522	21.247	ug/L	98
50) 1,2-Dibromoethane	11.233	107	171297	21.249	ug/L	94
51) Chlorobenzene	11.654	112	644960	21.017	ug/L	99
52) Ethylbenzene	11.727	91	1188102	21.288	ug/L	98
53) m,p-Xylene	11.837	106	443655	21.438	ug/L	99
54) o-Xylene	12.166	106	416215	21.685	ug/L	93
55) Styrene	12.178	104	719008	21.946	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	227610	21.262	ug/L	98
59) Bromoform	12.349	173	107080	21.238	ug/L	99
60) Isopropylbenzene	12.464	105	1171958	21.102	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	168579	20.256	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	940887	21.305	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	944789	21.898	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	478323	20.527	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	472537	20.390	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	419619	19.900	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	37603	19.717	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	308019	19.418	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	262671	19.133	ug/L	99
71) Naphthalene	15.360	128	570329	20.380	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	227487	19.268	ug/L	98

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

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