

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026460.D
 Acq On : 30 Jun 2023 02:27
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025544

Quant Time: Jun 30 02:50:36 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	693358	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	780785	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	348477	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	261354	33.105	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 132.440%	
7) Chloroethane-d5	2.893	69	212667	33.082	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 132.320%	
11) 1,1-Dichloroethene-d2	4.021	65	102553	25.963	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 103.840%	
21) 2-Butanone-d5	7.075	46	150395	50.408	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 100.820%	
24) Chloroform-d	7.648	84	449842	26.617	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 106.480%	
26) 1,2-Dichloroethane-d4	8.307	65	271375	29.377	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 117.520%	
32) Benzene-d6	8.276	84	882139	19.426	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 77.720%	
36) 1,2-Dichloropropane-d6	9.270	67	282573	19.524	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 78.080%	
41) Toluene-d8	10.325	98	1038296	25.885	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 103.560%	
43) trans-1,3-Dichloroprop...	10.575	79	139134	23.850	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 95.400%	
47) 2-Hexanone-d5	10.922	63	134779	55.686	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 111.380%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	289519	25.908	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 103.640%	
66) 1,2-Dichlorobenzene-d4	13.848	152	251972	20.766	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 83.080%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	167582	24.769	ug/L	94
3) Chloromethane	2.223	50	251519	26.372	ug/L	97
5) Vinyl chloride	2.375	62	304864	31.016	ug/L	97
6) Bromomethane	2.783	94	182435	32.636	ug/L	98
8) Chloroethane	2.930	64	192427	32.278	ug/L	96
9) Trichlorofluoromethane	3.265	101	165890	23.210	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	186212	23.473	ug/L	95
12) 1,1-Dichloroethene	4.045	96	183883	23.682	ug/L	96
13) Acetone	4.119	43	94475	44.826	ug/L	92
14) Carbon disulfide	4.393	76	604354	24.051	ug/L	98
15) Methyl Acetate	4.667	43	127968	27.963	ug/L	99
16) Methylene chloride	4.917	84	254870	21.754	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	209066	25.031	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	398491	29.194	ug/L	95
19) 1,1-Dichloroethane	6.216	63	438328	26.081	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	234056	24.740	ug/L	98
22) 2-Butanone	7.167	43	162461	47.016	ug/L	97
23) Bromochloromethane	7.514	128	99513	25.291	ug/L	97
25) Chloroform	7.673	83	420208	25.760	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	320705	28.754	ug/L	97
29) Cyclohexane	7.953	56	382063	17.261	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	334902	20.135	ug/L	98
31) Carbon tetrachloride	8.069	117	291805	19.487	ug/L	100
33) Benzene	8.325	78	900835	18.424	ug/L	100
34) Trichloroethene	9.093	95	231870	18.616	ug/L	97
35) Methylcyclohexane	9.337	83	390340	17.591	ug/L	98
37) 1,2-Dichloropropane	9.368	63	247757	19.087	ug/L	99
38) Bromodichloromethane	9.642	83	300920	20.655	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	451207	23.225	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	445529	49.991	ug/L	100
42) Toluene	10.386	91	1187391	23.736	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	385241	24.263	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	221516	25.053	ug/L	98
46) Tetrachloroethene	10.861	164	202983	23.051	ug/L	96
48) 2-Hexanone	10.965	43	308434	51.561	ug/L	99
49) Dibromochloromethane	11.129	129	231047	26.235	ug/L	100
50) 1,2-Dibromoethane	11.233	107	206255	25.368	ug/L	99
51) Chlorobenzene	11.654	112	745924	24.100	ug/L	98
52) Ethylbenzene	11.727	91	1349951	23.982	ug/L	97
53) m,p-Xylene	11.837	106	487043	23.334	ug/L	96
54) o-Xylene	12.166	106	482831	24.941	ug/L	96
55) Styrene	12.178	104	825288	24.975	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	271798	25.174	ug/L	99
59) Bromoform	12.349	173	120725	26.164	ug/L	97
60) Isopropylbenzene	12.459	105	1327850	26.124	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	207721	27.272	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1115949	27.610	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	1066219	27.003	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	508181	23.830	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	472928	22.298	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	402742	20.869	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	37988	21.765	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	280463	19.319	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	242981	19.338	ug/L	97
71) Naphthalene	15.360	128	575806	22.482	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	220757	20.431	ug/L	99

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

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