

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071323\
 Data File : VW026606.D
 Acq On : 13 Jul 2023 08:34
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025558

Quant Time: Jul 14 06:20:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 13 04:40:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	566389	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	511806	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	248823	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	191915	20.088	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.360%
7) Chloroethane-d5	2.893	69	141626	21.126	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.520%
11) 1,1-Dichloroethene-d2	4.027	65	91360	20.363	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.440%
21) 2-Butanone-d5	7.075	46	158749	51.414	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.820%
24) Chloroform-d	7.648	84	379926	23.299	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	8.307	65	210913	23.165	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.640%
32) Benzene-d6	8.276	84	767984	21.859	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.440%
36) 1,2-Dichloropropane-d6	9.270	67	243239	22.515	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.080%
41) Toluene-d8	10.325	98	662840	21.996	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	10.575	79	98613	22.778	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.120%
47) 2-Hexanone-d5	10.922	63	111539	52.912	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	217372	23.760	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.040%
66) 1,2-Dichlorobenzene-d4	13.848	152	202859	22.205	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	132133	20.681	ug/L	# 84
3) Chloromethane	2.222	50	202175	22.147	ug/L	99
5) Vinyl chloride	2.369	62	215432	22.392	ug/L	94
6) Bromomethane	2.783	94	113944	22.279	ug/L	99
8) Chloroethane	2.930	64	123140	22.890	ug/L	95
9) Trichlorofluoromethane	3.259	101	155923	21.881	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	181797	22.988	ug/L	97
12) 1,1-Dichloroethene	4.045	96	175834	23.174	ug/L	94
13) Acetone	4.118	43	139659	62.881	ug/L	96
14) Carbon disulfide	4.387	76	608205	22.866	ug/L	98
15) Methyl Acetate	4.667	43	135205	25.338	ug/L	99
16) Methylene chloride	4.917	84	193622	19.351	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	190428	23.473	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	308904	24.329	ug/L	99
19) 1,1-Dichloroethane	6.216	63	391916	24.163	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	205403	24.450	ug/L	98
22) 2-Butanone	7.167	43	198863	58.797	ug/L	100
23) Bromochloromethane	7.520	128	88531	24.602	ug/L	98
25) Chloroform	7.673	83	365382	24.586	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	264425	25.275	ug/L	99
29) Cyclohexane	7.959	56	374780	23.519	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	296885	23.667	ug/L	99
31) Carbon tetrachloride	8.063	117	274550	24.111	ug/L	98
33) Benzene	8.325	78	836163	23.711	ug/L	100
34) Trichloroethene	9.093	95	210164	23.201	ug/L	96
35) Methylcyclohexane	9.337	83	390526	24.009	ug/L	99
37) 1,2-Dichloropropane	9.367	63	227380	24.280	ug/L	100
38) Bromodichloromethane	9.642	83	250748	23.567	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	329796	24.460	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	366338	51.827	ug/L	100
42) Toluene	10.386	91	857532	24.079	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	285887	25.141	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	159056	24.335	ug/L	98
46) Tetrachloroethene	10.861	164	148468	23.087	ug/L	85
48) 2-Hexanone	10.965	43	272159	55.172	ug/L	98
49) Dibromochloromethane	11.129	129	159180	24.595	ug/L	94
50) 1,2-Dibromoethane	11.233	107	152014	24.672	ug/L	98
51) Chlorobenzene	11.654	112	515192	23.594	ug/L	98
52) Ethylbenzene	11.727	91	961594	24.253	ug/L	99
53) m,p-Xylene	11.837	106	354113	24.550	ug/L	94
54) o-Xylene	12.166	106	331601	24.492	ug/L	100
55) Styrene	12.178	104	575004	25.179	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	215163	25.083	ug/L	99
59) Bromoform	12.343	173	97843	24.862	ug/L	96
60) Isopropylbenzene	12.464	105	935950	24.312	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	166816	24.821	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	746860	25.293	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	731103	24.973	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	380078	23.528	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	388587	24.120	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	347332	24.294	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.482	75	38998	24.380	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.623	180	258254	24.158	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	214175	24.414	ug/L	99
71) Naphthalene	15.360	128	505013	25.420	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	200705	24.302	ug/L	99

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

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