

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071123\
 Data File : VW026587.D
 Acq On : 11 Jul 2023 10:10
 Operator : SY/MD
 Sample : VSTD10018
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100418

Quant Time: Jul 12 06:34:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 12 06:31:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	550778	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	484880	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	235522	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	865940	93.207	ug/L	0.00
7) Chloroethane-d5	2.893	69	615936	94.481	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	411054	94.214	ug/L	0.00
21) 2-Butanone-d5	7.075	46	682905	228.374	ug/L	0.00
24) Chloroform-d	7.648	84	1503115	94.791	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	821767	92.814	ug/L	0.00
32) Benzene-d6	8.276	84	3138450	94.288	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	968163	94.594	ug/L	0.00
41) Toluene-d8	10.325	98	2763346	96.793	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	418226	101.940	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	497475	249.096	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	853332	98.455	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	812126	93.917	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	625298	97.619	ug/L	94
3) Chloromethane	2.229	50	897063	101.053	ug/L	100
5) Vinyl chloride	2.375	62	909932	97.261	ug/L	98
6) Bromomethane	2.783	94	476944	95.899	ug/L	99
8) Chloroethane	2.930	64	516327	98.699	ug/L	99
9) Trichlorofluoromethane	3.265	101	742275	107.119	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	768231	100.853	ug/L	98
12) 1,1-Dichloroethene	4.045	96	753751	102.156	ug/L	87
13) Acetone	4.119	43	465090	215.340	ug/L	97
14) Carbon disulfide	4.393	76	2599518	100.503	ug/L	98
15) Methyl Acetate	4.667	43	556906	108.288	ug/L	99
16) Methylene chloride	4.923	84	733300	75.617	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	801216	101.560	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	1290703	104.536	ug/L	100
19) 1,1-Dichloroethane	6.222	63	1559976	98.902	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	836460	102.391	ug/L	96
22) 2-Butanone	7.167	43	757542	230.531	ug/L	99
23) Bromochloromethane	7.514	128	343254	98.093	ug/L	94
25) Chloroform	7.679	83	1410539	97.604	ug/L	97
27) 1,2-Dichloroethane	8.398	62	991077	97.417	ug/L	97
29) Cyclohexane	7.953	56	1650850	109.350	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	1176034	98.956	ug/L	98
31) Carbon tetrachloride	8.069	117	1073875	99.544	ug/L	99
33) Benzene	8.325	78	3280449	98.188	ug/L	100
34) Trichloroethene	9.093	95	854691	99.592	ug/L	98
35) Methylcyclohexane	9.337	83	1634246	106.053	ug/L	99
37) 1,2-Dichloropropane	9.368	63	857818	96.685	ug/L	100
38) Bromodichloromethane	9.642	83	1001396	99.343	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	1376310	107.747	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	1530075	228.485	ug/L	99
42) Toluene	10.386	91	3385452	100.342	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	1166149	108.247	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	611439	98.736	ug/L	98
46) Tetrachloroethene	10.861	164	609284	100.005	ug/L	92
48) 2-Hexanone	10.965	43	1100073	235.388	ug/L	98
49) Dibromochloromethane	11.129	129	632082	103.088	ug/L	100
50) 1,2-Dibromoethane	11.233	107	604230	103.515	ug/L	94
51) Chlorobenzene	11.654	112	2044725	98.843	ug/L	99
52) Ethylbenzene	11.727	91	3874215	103.142	ug/L	100
53) m,p-Xylene	11.837	106	1425187	104.292	ug/L	93
54) o-Xylene	12.166	106	1356887	105.787	ug/L	93
55) Styrene	12.178	104	2291993	105.940	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	832070	102.388	ug/L	96
59) Bromoform	12.349	173	396712	106.498	ug/L	97
60) Isopropylbenzene	12.465	105	3874468	106.325	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	637801	100.261	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	3109626	111.258	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	2996255	108.126	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	1496112	97.844	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	1494043	97.973	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	1333670	98.552	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.483	75	160784	106.154	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	987128	97.553	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	841759	101.371	ug/L	94
71) Naphthalene	15.360	128	2217379	117.917	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	789212	100.957	ug/L	99

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

