

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092723\
 Data File : VW027190.D
 Acq On : 27 Sep 2023 12:07
 Operator : SY/MD
 Sample : VSTD10058
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100458

Quant Time: Sep 27 23:10:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 27 23:07:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	664848	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	674122	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	360421	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	975366	93.387	ug/L	0.00
7) Chloroethane-d5	2.893	69	756668	91.558	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	418107	96.338	ug/L	0.00
21) 2-Butanone-d5	7.075	46	444329	203.092	ug/L	0.00
24) Chloroform-d	7.648	84	1804781	92.752	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	844122	90.522	ug/L	0.00
32) Benzene-d6	8.276	84	3727015	90.211	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	1131463	91.477	ug/L	0.00
41) Toluene-d8	10.325	98	3485490	95.605	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	486922	100.314	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	427501	225.941	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	872327	92.155	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	1130880	93.580	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	940945	100.781	ug/L	97
3) Chloromethane	2.229	50	1168373	100.201	ug/L	97
5) Vinyl chloride	2.375	62	1293332	101.583	ug/L	97
6) Bromomethane	2.783	94	851239	101.484	ug/L	93
8) Chloroethane	2.930	64	786912	101.840	ug/L	99
9) Trichlorofluoromethane	3.265	101	1161361	108.534	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	1067516	97.084	ug/L	98
12) 1,1-Dichloroethene	4.045	96	1082682	105.263	ug/L	100
13) Acetone	4.118	43	567132	212.534	ug/L	98
14) Carbon disulfide	4.387	76	3444090	99.764	ug/L	99
15) Methyl Acetate	4.667	43	463704	103.679	ug/L	98
16) Methylene chloride	4.917	84	1108937	85.205	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	1158237	104.658	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	1531430	110.579	ug/L	99
19) 1,1-Dichloroethane	6.216	63	2107120	102.097	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	1279909	108.495	ug/L	97
22) 2-Butanone	7.167	43	760593	234.409	ug/L	100
23) Bromochloromethane	7.514	128	542974	100.869	ug/L	95
25) Chloroform	7.679	83	2025269	100.612	ug/L	98
27) 1,2-Dichloroethane	8.398	62	1231204	99.846	ug/L	99
29) Cyclohexane	7.953	56	1943208	108.348	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	1640423	97.891	ug/L	99
31) Carbon tetrachloride	8.069	117	1523853	96.276	ug/L	99
33) Benzene	8.325	78	4668933	97.991	ug/L	100
34) Trichloroethene	9.093	95	1233535	99.139	ug/L	94
35) Methylcyclohexane	9.337	83	2212069	105.703	ug/L	100
37) 1,2-Dichloropropane	9.367	63	1198382	97.559	ug/L	100
38) Bromodichloromethane	9.648	83	1450942	98.407	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	1983934	109.674	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	1329668	223.248	ug/L	99
42) Toluene	10.386	91	4989914	101.979	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	1631128	110.023	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	884836	99.594	ug/L	99
46) Tetrachloroethene	10.861	164	1002539	102.501	ug/L	91
48) 2-Hexanone	10.965	43	1089447	233.323	ug/L	98
49) Dibromochloromethane	11.129	129	972203	100.899	ug/L	96
50) 1,2-Dibromoethane	11.233	107	831028	100.800	ug/L	98
51) Chlorobenzene	11.654	112	3281127	101.050	ug/L	99
52) Ethylbenzene	11.727	91	5771346	104.992	ug/L	99
53) m,p-Xylene	11.837	106	2258446	107.149	ug/L	89
54) o-Xylene	12.166	106	2125593	107.954	ug/L	94
55) Styrene	12.178	104	3716611	109.654	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	1054989	98.998	ug/L	97
59) Bromoform	12.349	173	596538	104.813	ug/L	97
60) Isopropylbenzene	12.458	105	5748319	108.310	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	742787	100.663	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	4754109	114.252	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	4609912	113.050	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	2484011	101.408	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	2422417	98.433	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	2192508	102.118	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	156806	99.195	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.629	180	1528408	96.899	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	1303737	104.767	ug/L	98
71) Naphthalene	15.360	128	2557142	116.465	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	1085174	98.238	ug/L	98

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

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