

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112024\
 Data File : VW031070.D
 Acq On : 20 Nov 2024 12:39
 Operator : SY/MD
 Sample : VSTD10025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100425

Quant Time: Nov 21 03:51:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 21 03:49:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	429972	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	403180	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	201882	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	485360	92.596	ug/L	0.00
7) Chloroethane-d5	2.893	69	377917	91.348	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	240486	92.851	ug/L	0.00
21) 2-Butanone-d5	7.069	46	257714	213.536	ug/L	0.00
24) Chloroform-d	7.648	84	1121891	96.054	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	543579	95.253	ug/L	0.00
32) Benzene-d6	8.270	84	2236983	97.974	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	657697	97.689	ug/L	0.00
41) Toluene-d8	10.319	98	2096681	100.798	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	298741	106.587	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	221780	229.206	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	500722	97.649	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	693068	98.228	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	473057	92.802	ug/L	98
3) Chloromethane	2.229	50	537079	85.606	ug/L	98
5) Vinyl chloride	2.375	62	573433	88.740	ug/L	99
6) Bromomethane	2.784	94	398239	88.259	ug/L	99
8) Chloroethane	2.930	64	341021	87.985	ug/L	98
9) Trichlorofluoromethane	3.265	101	788915	88.264	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	547462	90.449	ug/L	99
12) 1,1-Dichloroethene	4.039	96	552872	93.968	ug/L	87
13) Acetone	4.113	43	317988	201.258	ug/L	98
14) Carbon disulfide	4.387	76	1762801	92.303	ug/L	100
15) Methyl Acetate	4.667	43	220402	105.019	ug/L	100
16) Methylene chloride	4.911	84	562742	91.422	ug/L	94
17) trans-1,2-Dichloroethene	5.423	96	600068	93.886	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	932051	101.199	ug/L	99
19) 1,1-Dichloroethane	6.216	63	1035946	92.493	ug/L	95
20) cis-1,2-Dichloroethene	7.167	96	670306	99.400	ug/L	98
22) 2-Butanone	7.167	43	380167	196.203	ug/L	98
23) Bromochloromethane	7.514	128	289139	95.695	ug/L	95
25) Chloroform	7.679	83	1073141	91.664	ug/L	93
27) 1,2-Dichloroethane	8.398	62	645360	92.497	ug/L	97
29) Cyclohexane	7.953	56	935998	99.253	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	892703	91.281	ug/L	99
31) Carbon tetrachloride	8.069	117	816274	91.790	ug/L	100
33) Benzene	8.319	78	2384545	92.399	ug/L	100
34) Trichloroethene	9.087	95	656400	93.891	ug/L	96
35) Methylcyclohexane	9.331	83	1076095	95.787	ug/L	98
37) 1,2-Dichloropropane	9.368	63	586141	91.094	ug/L	100
38) Bromodichloromethane	9.642	83	773606	95.527	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	984664	101.536	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	631483	208.578	ug/L	98
42) Toluene	10.386	91	2564785	94.105	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	810083	103.446	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	438033	93.592	ug/L	97
46) Tetrachloroethene	10.861	164	495771	88.681	ug/L	96
48) 2-Hexanone	10.965	43	520741	217.544	ug/L	98
49) Dibromochloromethane	11.123	129	510926	98.162	ug/L	97
50) 1,2-Dibromoethane	11.233	107	429080	96.340	ug/L	93
51) Chlorobenzene	11.654	112	1632067	91.565	ug/L	91
52) Ethylbenzene	11.727	91	2943734	96.334	ug/L	95
53) m,p-Xylene	11.837	106	1114587	95.567	ug/L	99
54) o-Xylene	12.160	106	1093516	99.765	ug/L	91
55) Styrene	12.178	104	1843954	98.853	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	493387	94.512	ug/L	95
59) Bromoform	12.343	173	311807	103.202	ug/L	99
60) Isopropylbenzene	12.459	105	2874475	97.727	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	350851	94.935	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	2324993	100.206	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	2339347	102.216	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	1244127	92.744	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	1237830	88.682	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	1124409	93.505	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.477	75	78370	97.020	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	876719	95.607	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	743438	101.375	ug/L	99
71) Naphthalene	15.361	128	1402927	113.151	ug/L	99
72) 1,2,3-Trichlorobenzene	15.550	180	639990	98.049	ug/L	93

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

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