

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024348.D
 Acq On : 26 Aug 2022 12:29
 Operator : SY/VA
 Sample : VSTD05022
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050422

Quant Time: Aug 26 23:56:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 26 23:53:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	306854	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	315131	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	188656	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	398128	47.067	ug/L	0.00
7) Chloroethane-d5	2.867	69	313462	50.055	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	345582	48.185	ug/L	0.00
21) 2-Butanone-d5	7.073	46	167042	111.135	ug/L	0.00
24) Chloroform-d	7.647	84	476757	48.328	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	299440	50.052	ug/L	0.00
32) Benzene-d6	8.274	84	937705	51.934	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	297219	52.932	ug/L	0.00
41) Toluene-d8	10.323	98	922084	53.713	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	143317	54.356	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	160358	128.096	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	345360	54.324	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	369056	51.948	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	161502	51.226	ug/L	97
3) Chloromethane	2.208	50	270766	47.081	ug/L	100
5) Vinyl chloride	2.349	62	466041	46.428	ug/L	99
6) Bromomethane	2.757	94	311148	44.162	ug/L	99
8) Chloroethane	2.904	64	252338	47.572	ug/L	99
9) Trichlorofluoromethane	3.245	101	219270	46.457	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	202713	44.936	ug/L	97
12) 1,1-Dichloroethene	4.031	96	175222	47.806	ug/L	97
13) Acetone	4.123	43	79866	84.837	ug/L	99
14) Carbon disulfide	4.373	76	566045	46.469	ug/L	99
15) Methyl Acetate	4.671	43	109663	48.357	ug/L	98
16) Methylene chloride	4.909	84	201763	39.740	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	217623	50.162	ug/L	92
18) Methyl tert-butyl Ether	5.427	73	381255	53.670	ug/L	98
19) 1,1-Dichloroethane	6.208	63	385000	46.930	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	244053	51.154	ug/L	99
22) 2-Butanone	7.165	43	167948	101.368	ug/L	100
23) Bromochloromethane	7.506	128	111752	47.970	ug/L	93
25) Chloroform	7.677	83	431876	47.448	ug/L	99
27) 1,2-Dichloroethane	8.396	62	326032	49.209	ug/L	97
29) Cyclohexane	7.951	56	382775	56.341	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	358632	48.271	ug/L	97
31) Carbon tetrachloride	8.067	117	339039	49.881	ug/L	100
33) Benzene	8.317	78	1025538	52.285	ug/L	100
34) Trichloroethene	9.091	95	260254	50.328	ug/L	94
35) Methylcyclohexane	9.335	83	457653	55.153	ug/L	98
37) 1,2-Dichloropropane	9.366	63	248049	49.247	ug/L	99
38) Bromodichloromethane	9.640	83	344992	50.033	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	408271	57.683	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	408811	114.715	ug/L	98
42) Toluene	10.384	91	1174557	54.245	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	387518	56.345	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	212542	51.475	ug/L	97
46) Tetrachloroethene	10.859	164	207620	51.697	ug/L	96
48) 2-Hexanone	10.969	43	297322	111.980	ug/L	97
49) Dibromochloromethane	11.128	129	257482	52.724	ug/L	97
50) 1,2-Dibromoethane	11.231	107	213308	53.735	ug/L	95
51) Chlorobenzene	11.658	112	757014	52.089	ug/L	99
52) Ethylbenzene	11.725	91	1322614	55.250	ug/L	99
53) m,p-Xylene	11.835	106	521318	55.452	ug/L	92
54) o-Xylene	12.164	106	510967	58.140	ug/L	96
55) Styrene	12.176	104	906948	58.380	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	300759	52.185	ug/L	99
59) Bromoform	12.347	173	163248	53.921	ug/L	96
60) Isopropylbenzene	12.463	105	1363234	54.405	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	216135	50.480	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	1164889	57.655	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	1136462	57.909	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	625807	52.237	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	626283	49.515	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	580634	51.704	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	50546	47.158	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	409607	52.972	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	337096	56.080	ug/L	97
71) Naphthalene	15.359	128	801389	60.705	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	304287	53.562	ug/L	99

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

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