

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080322\
 Data File : VW024147.D
 Acq On : 03 Aug 2022 10:01
 Operator : SY/VA
 Sample : VSTD02503
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025403

Quant Time: Aug 04 00:45:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 04 00:42:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	353047	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	343072	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	193536	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	133614	22.347	ug/L	0.00
7) Chloroethane-d5	2.873	69	93660	24.542	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	170704	22.767	ug/L	0.00
21) 2-Butanone-d5	7.080	46	65190	51.498	ug/L	0.00
24) Chloroform-d	7.647	84	236932	23.756	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	129108	23.887	ug/L	0.00
32) Benzene-d6	8.268	84	429812	23.657	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.268	67	129029	24.050	ug/L	0.00
41) Toluene-d8	10.323	98	408526	24.024	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	61601	24.610	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	58584	57.282	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	144403	26.685	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	175624	25.581	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	68774	23.945	ug/L	100
3) Chloromethane	2.209	50	142360	25.272	ug/L	100
5) Vinyl chloride	2.349	62	217280	25.322	ug/L	100
6) Bromomethane	2.763	94	125699	24.873	ug/L	100
8) Chloroethane	2.910	64	96565	26.243	ug/L	100
9) Trichlorofluoromethane	3.245	101	117287	23.991	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	137046	24.838	ug/L	100
12) 1,1-Dichloroethene	4.025	96	117210	25.160	ug/L	100
13) Acetone	4.123	43	48129	48.627	ug/L	100
14) Carbon disulfide	4.379	76	375711	24.900	ug/L	100
15) Methyl Acetate	4.665	43	57090	26.502	ug/L	100
16) Methylene chloride	4.909	84	142149	20.523	ug/L	100
17) trans-1,2-Dichloroethene	5.415	96	131727	25.130	ug/L	100
18) Methyl tert-butyl Ether	5.421	73	194182	27.183	ug/L	100
19) 1,1-Dichloroethane	6.208	63	222226	25.068	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	143016	25.818	ug/L	100
22) 2-Butanone	7.171	43	83135	52.510	ug/L	100
23) Bromochloromethane	7.506	128	70610	25.322	ug/L	100
25) Chloroform	7.671	83	252748	25.600	ug/L	100
27) 1,2-Dichloroethane	8.397	62	168988	25.955	ug/L	100
29) Cyclohexane	7.951	56	199158	27.402	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	210805	25.125	ug/L	100
31) Carbon tetrachloride	8.061	117	201064	25.571	ug/L	100
33) Benzene	8.323	78	529923	24.870	ug/L	100
34) Trichloroethene	9.092	95	141468	24.804	ug/L	100
35) Methylcyclohexane	9.335	83	238312	26.449	ug/L	100
37) 1,2-Dichloropropane	9.366	63	130768	25.792	ug/L	100
38) Bromodichloromethane	9.640	83	185837	25.649	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	205575	26.807	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	178686	56.267	ug/L	100
42) Toluene	10.384	91	600593	26.396	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	187823	26.769	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	112443	25.946	ug/L	100
46) Tetrachloroethene	10.860	164	119977	24.965	ug/L	100
48) 2-Hexanone	10.969	43	127683	58.324	ug/L	100
49) Dibromochloromethane	11.128	129	137451	26.018	ug/L	100
50) 1,2-Dibromoethane	11.231	107	108873	25.608	ug/L	100
51) Chlorobenzene	11.652	112	398102	25.301	ug/L	100
52) Ethylbenzene	11.725	91	668475	26.811	ug/L	100
53) m,p-Xylene	11.835	106	261928	27.361	ug/L	100
54) o-Xylene	12.164	106	247363	27.023	ug/L	100
55) Styrene	12.176	104	438427	27.591	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	144257	27.354	ug/L	100
59) Bromoform	12.347	173	81652	26.892	ug/L	100
60) Isopropylbenzene	12.463	105	674436	27.438	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	102924	26.514	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	575378	28.587	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	559223	28.167	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	314724	25.367	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	327176	25.419	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	298557	26.383	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	23437	27.209	ug/L	100
69) 1,3,5-Trichlorobenzene	14.621	180	211909	25.709	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	170668	26.864	ug/L	100
71) Naphthalene	15.365	128	354662	28.967	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	153720	26.320	ug/L	100

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

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