

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061022\
 Data File : VW023441.D
 Acq On : 10 Jun 2022 11:35
 Operator : SY/VA
 Sample : VSTD10024
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100424

Quant Time: Jun 10 11:55:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 10 11:40:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	404456	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	400514	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	221121	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	578722	92.062	ug/L	0.00
7) Chloroethane-d5	2.879	69	462865	103.790	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	830019	90.493	ug/L	0.00
21) 2-Butanone-d5	7.074	46	263777	217.770	ug/L	0.00
24) Chloroform-d	7.647	84	1022934	94.298	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	551261	95.842	ug/L	0.00
32) Benzene-d6	8.275	84	1956125	89.742	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	580974	94.711	ug/L	0.00
41) Toluene-d8	10.323	98	2055514	98.867	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	300865	110.117	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	235081	251.094	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	573848	106.200	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	767617	98.213	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	220966	160.036	ug/L	96
3) Chloromethane	2.215	50	441101	93.914	ug/L	99
5) Vinyl chloride	2.361	62	725710	99.472	ug/L	100
6) Bromomethane	2.770	94	419039	104.822	ug/L	95
8) Chloroethane	2.916	64	408019	112.268	ug/L	100
9) Trichlorofluoromethane	3.257	101	321246	88.498	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	477879	93.155	ug/L	96
12) 1,1-Dichloroethene	4.038	96	427007	93.901	ug/L	97
13) Acetone	4.123	43	165686	185.796	ug/L	95
14) Carbon disulfide	4.379	76	1333061	92.230	ug/L	98
15) Methyl Acetate	4.666	43	207078	103.911	ug/L	97
16) Methylene chloride	4.916	84	478217	82.796	ug/L	97
17) trans-1,2-Dichloroethene	5.422	96	515756	95.476	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	818671	103.201	ug/L	100
19) 1,1-Dichloroethane	6.214	63	893615	96.837	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	567170	99.049	ug/L	# 98
22) 2-Butanone	7.171	43	283178	213.215	ug/L	100
23) Bromochloromethane	7.513	128	260489	97.114	ug/L	96
25) Chloroform	7.677	83	998045	97.417	ug/L	98
27) 1,2-Dichloroethane	8.403	62	659278	100.832	ug/L	99
29) Cyclohexane	7.958	56	825534	98.638	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	885149	94.412	ug/L	100
31) Carbon tetrachloride	8.067	117	819455	95.299	ug/L	99
33) Benzene	8.324	78	2200321	94.584	ug/L	100
34) Trichloroethene	9.092	95	586193	93.018	ug/L	96
35) Methylcyclohexane	9.336	83	1002580	96.898	ug/L	99
37) 1,2-Dichloropropane	9.366	63	525344	95.562	ug/L	100
38) Bromodichloromethane	9.646	83	770679	99.993	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	911598	106.628	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	684140	226.906	ug/L	98
42) Toluene	10.390	91	2598654	99.166	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	850491	113.080	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	446194	100.788	ug/L	99
46) Tetrachloroethene	10.866	164	458550	92.440	ug/L	90
48) 2-Hexanone	10.969	43	476698	243.914	ug/L	99
49) Dibromochloromethane	11.128	129	579810	107.921	ug/L	99
50) 1,2-Dibromoethane	11.238	107	447400	103.785	ug/L	100
51) Chlorobenzene	11.658	112	1728353	100.647	ug/L	99
52) Ethylbenzene	11.731	91	3021703	104.466	ug/L	99
53) m,p-Xylene	11.841	106	1205141	107.601	ug/L	96
54) o-Xylene	12.164	106	1190501	110.394	ug/L	100
55) Styrene	12.183	104	2083451	111.905	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	568834	105.392	ug/L	95
59) Bromoform	12.347	173	353843	117.926	ug/L	97
60) Isopropylbenzene	12.463	105	3211952	103.646	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	400102	99.456	ug/L	100
62) 1,3,5-Trimethylbenzene	12.939	105	2738311	106.258	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	2737080	107.418	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	1438862	102.891	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	1370375	95.329	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	1292707	100.831	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	94179	110.388	ug/L	90
69) 1,3,5-Trichlorobenzene	14.621	180	926790	99.711	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	750151	104.875	ug/L	97
71) Naphthalene	15.359	128	1704870	126.700	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	678288	108.288	ug/L	96

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

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