

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023644.D
 Acq On : 13 Jul 2022 12:55
 Operator : SY/VA
 Sample : VSTD05053
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050453

Quant Time: Jul 14 01:27:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 14 01:25:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	239797	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	261009	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	160905	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	343334	56.336	ug/L	0.00
7) Chloroethane-d5	2.879	69	222580	54.927	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	258714	52.038	ug/L	0.00
21) 2-Butanone-d5	7.080	46	94400	101.762	ug/L	0.00
24) Chloroform-d	7.647	84	345113	49.432	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	217140	50.852	ug/L	0.00
32) Benzene-d6	8.275	84	708146	52.192	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	198487	48.566	ug/L	0.00
41) Toluene-d8	10.323	98	754291	54.808	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	105691	55.171	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	94739	110.238	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	237035	52.481	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	272411	47.426	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	92711	57.304	ug/L	98
3) Chloromethane	2.215	50	179654	45.019	ug/L	98
5) Vinyl chloride	2.355	62	313177	45.702	ug/L	98
6) Bromomethane	2.770	94	181954	41.051	ug/L	99
8) Chloroethane	2.916	64	150777	47.031	ug/L	97
9) Trichlorofluoromethane	3.251	101	135190	43.401	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	134821	44.485	ug/L	99
12) 1,1-Dichloroethene	4.038	96	115160	45.466	ug/L	94
13) Acetone	4.123	43	51083	84.296	ug/L	96
14) Carbon disulfide	4.385	76	317232	42.425	ug/L	100
15) Methyl Acetate	4.672	43	64909	45.330	ug/L	97
16) Methylene chloride	4.922	84	136292	36.359	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	137477	44.576	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	230364	48.455	ug/L	99
19) 1,1-Dichloroethane	6.214	63	259140	45.551	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	163750	47.888	ug/L #	89
22) 2-Butanone	7.171	43	99073	90.232	ug/L	99
23) Bromochloromethane	7.513	128	74678	45.497	ug/L	93
25) Chloroform	7.677	83	300161	45.798	ug/L	92
27) 1,2-Dichloroethane	8.397	62	230057	47.694	ug/L	98
29) Cyclohexane	7.952	56	225829	47.307	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	248256	43.928	ug/L	99
31) Carbon tetrachloride	8.067	117	230850	45.314	ug/L	99
33) Benzene	8.323	78	685483	46.215	ug/L	100
34) Trichloroethene	9.092	95	172113	43.943	ug/L	88
35) Methylcyclohexane	9.335	83	283452	47.525	ug/L	97
37) 1,2-Dichloropropane	9.366	63	169192	45.499	ug/L	98
38) Bromodichloromethane	9.646	83	247695	47.727	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	277898	49.582	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	252237	97.478	ug/L	98
42) Toluene	10.390	91	841861	49.768	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	277548	52.101	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	153553	47.226	ug/L	98
46) Tetrachloroethene	10.860	164	138435	45.710	ug/L	95
48) 2-Hexanone	10.969	43	194115	104.857	ug/L	99
49) Dibromochloromethane	11.128	129	188027	49.865	ug/L	96
50) 1,2-Dibromoethane	11.231	107	153141	49.024	ug/L	99
51) Chlorobenzene	11.658	112	553642	48.529	ug/L	97
52) Ethylbenzene	11.731	91	990957	51.553	ug/L	97
53) m,p-Xylene	11.841	106	396717	52.897	ug/L	95
54) o-Xylene	12.164	106	388472	53.936	ug/L	96
55) Styrene	12.176	104	703033	55.252	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	219931	49.589	ug/L	99
59) Bromoform	12.347	173	113746	47.941	ug/L	99
60) Isopropylbenzene	12.463	105	1057233	48.913	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	158976	45.059	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	906430	51.223	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	908670	51.360	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	464682	47.350	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	486788	46.624	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	440421	47.586	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	36224	44.515	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.627	180	296168	45.595	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	237922	47.435	ug/L	98
71) Naphthalene	15.365	128	582748	54.163	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	225789	48.296	ug/L	99

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

