

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061022\
 Data File : VW023440.D
 Acq On : 10 Jun 2022 11:11
 Operator : SY/VA
 Sample : VSTD05023
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050423

Quant Time: Jun 10 11:41:23 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	359249	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	354912	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	196143	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	263969	47.276	ug/L	0.00
7) Chloroethane-d5	2.885	69	207598	52.408	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	376514	46.215	ug/L	0.00
21) 2-Butanone-d5	7.074	46	109540	101.815	ug/L	0.00
24) Chloroform-d	7.653	84	451245	46.832	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	245329	48.020	ug/L	0.00
32) Benzene-d6	8.275	84	865430	44.805	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	258139	47.489	ug/L	0.00
41) Toluene-d8	10.323	98	906220	49.188	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	129775	53.601	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	99307	119.701	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	256039	53.473	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	345563	49.844	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	72482	59.102	ug/L	97
3) Chloromethane	2.215	50	202226	48.474	ug/L	99
5) Vinyl chloride	2.361	62	339914	52.455	ug/L	100
6) Bromomethane	2.776	94	187211	52.724	ug/L	91
8) Chloroethane	2.922	64	188614	58.429	ug/L	99
9) Trichlorofluoromethane	3.257	101	148972	46.204	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	211728	46.467	ug/L	96
12) 1,1-Dichloroethene	4.038	96	191347	47.373	ug/L	92
13) Acetone	4.123	43	75576	95.413	ug/L	95
14) Carbon disulfide	4.385	76	591381	46.065	ug/L	99
15) Methyl Acetate	4.672	43	88942	50.247	ug/L	96
16) Methylene chloride	4.916	84	201617	39.300	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	212421	44.271	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	338436	48.031	ug/L	98
19) 1,1-Dichloroethane	6.220	63	378865	46.222	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	240982	47.380	ug/L #	95
22) 2-Butanone	7.171	43	122224	103.607	ug/L	98
23) Bromochloromethane	7.519	128	109308	45.880	ug/L	94
25) Chloroform	7.677	83	433278	47.613	ug/L	98
27) 1,2-Dichloroethane	8.403	62	300794	51.794	ug/L	99
29) Cyclohexane	7.958	56	356641	48.088	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	383147	46.118	ug/L	98
31) Carbon tetrachloride	8.074	117	354972	46.586	ug/L	99
33) Benzene	8.323	78	970366	47.072	ug/L	100
34) Trichloroethene	9.092	95	260629	46.671	ug/L	94
35) Methylcyclohexane	9.335	83	440618	48.057	ug/L	99
37) 1,2-Dichloropropane	9.366	63	234461	48.129	ug/L	100
38) Bromodichloromethane	9.646	83	343038	50.227	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	391853	51.724	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	301760	112.943	ug/L	99
42) Toluene	10.390	91	1159406	49.929	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	364249	54.653	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	201227	51.294	ug/L	97
46) Tetrachloroethene	10.860	164	207935	47.304	ug/L	86
48) 2-Hexanone	10.969	43	213018	123.000	ug/L	98
49) Dibromochloromethane	11.128	129	253341	53.214	ug/L	94
50) 1,2-Dibromoethane	11.232	107	197772	51.773	ug/L	95
51) Chlorobenzene	11.658	112	767514	50.437	ug/L	99
52) Ethylbenzene	11.731	91	1319851	51.493	ug/L	98
53) m,p-Xylene	11.835	106	528153	53.215	ug/L	98
54) o-Xylene	12.164	106	518833	54.293	ug/L	96
55) Styrene	12.183	104	923224	55.959	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	257901	53.923	ug/L	95
59) Bromoform	12.347	173	150296	56.468	ug/L	98
60) Isopropylbenzene	12.463	105	1432916	52.127	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	181485	50.858	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	1213007	53.064	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	1204658	53.298	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	613871	49.487	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	626067	49.098	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	577692	50.798	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	41119	54.333	ug/L #	91
69) 1,3,5-Trichlorobenzene	14.621	180	402006	48.759	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	334177	52.669	ug/L	97
71) Naphthalene	15.359	128	706756	59.212	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	284737	51.247	ug/L	94

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

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