

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061022\
 Data File : VW023438.D
 Acq On : 10 Jun 2022 10:23
 Operator : SY/VA
 Sample : VSTD00521
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005421

Quant Time: Jun 10 11:41:01 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	8.841	114	316258	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	279595	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	135959	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	26831	5.459	ug/L	0.00
7) Chloroethane-d5	2.885	69	16863	4.836	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	33571	4.681	ug/L	-0.01
21) 2-Butanone-d5	7.080	46	10828m	11.432	ug/L	0.00
24) Chloroform-d	7.653	84	46474	5.479	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	24706	5.493	ug/L	0.00
32) Benzene-d6	8.274	84	87633	5.759	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	25152	5.874	ug/L	0.00
41) Toluene-d8	10.323	98	74517	5.134	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	10199	5.347	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	5614	8.590	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	19907	5.277	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	25832	5.375	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	1315	1.218	ug/L	90
3) Chloromethane	2.215	50	10057	2.738	ug/L	98
5) Vinyl chloride	2.361	62	15318	2.685	ug/L	91
6) Bromomethane	2.775	94	7898	2.527	ug/L	93
8) Chloroethane	2.916	64	6677	2.350	ug/L	86
9) Trichlorofluoromethane	3.251	101	7267	2.560	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	11026	2.749	ug/L #	71
12) 1,1-Dichloroethene	4.044	96	9664m	2.718	ug/L	
13) Acetone	4.123	43	4260	6.109	ug/L	59
14) Carbon disulfide	4.391	76	28554	2.527	ug/L	97
15) Methyl Acetate	4.684	43	4855m	3.116	ug/L	
17) trans-1,2-Dichloroethene	5.427	96	10593	2.508	ug/L	93
18) Methyl tert-butyl Ether	5.427	73	15186	2.448	ug/L #	72
19) 1,1-Dichloroethane	6.220	63	19152	2.654	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	12000	2.680	ug/L #	94
22) 2-Butanone	7.177	43	6811	6.558	ug/L	96
23) Bromochloromethane	7.519	128	5524	2.634	ug/L #	73
25) Chloroform	7.677	83	22534	2.813	ug/L	94
27) 1,2-Dichloroethane	8.402	62	14458	2.828	ug/L	100
29) Cyclohexane	7.957	56	14366	2.459	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	18249	2.788	ug/L	94
31) Carbon tetrachloride	8.067	117	16570m	2.760	ug/L	
33) Benzene	8.323	78	46614	2.870	ug/L	100
34) Trichloroethene	9.091	95	12165	2.765	ug/L	92
35) Methylcyclohexane	9.335	83	18082	2.503	ug/L	95
37) 1,2-Dichloropropane	9.366	63	11116	2.897	ug/L #	95
38) Bromodichloromethane	9.652	83	15875	2.951	ug/L #	94
39) cis-1,3-Dichloropropene	10.073	75	15864	2.658	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	11720	5.568	ug/L	96
42) Toluene	10.390	91	46616	2.548	ug/L	100
44) trans-1,3-Dichloropropene	10.609	75	13568	2.584	ug/L	90
45) 1,1,2-Trichloroethane	10.786	97	8483	2.745	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.859	164	8983	2.594	ug/L	82
48) 2-Hexanone	10.969	43	7033	5.155	ug/L	95
49) Dibromochloromethane	11.128	129	9688	2.583	ug/L	100
50) 1,2-Dibromoethane	11.231	107	7855	2.610	ug/L	89
51) Chlorobenzene	11.658	112	31211	2.604	ug/L	98
52) Ethylbenzene	11.731	91	50634	2.508	ug/L	97
53) m,p-Xylene	11.835	106	18270	2.337	ug/L	100
54) o-Xylene	12.164	106	16922	2.248	ug/L	90
55) Styrene	12.182	104	29090	2.238	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	9665	2.565	ug/L #	91
59) Bromoform	12.353	173	4774	2.588	ug/L #	96
60) Isopropylbenzene	12.463	105	47509	2.493	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	7397	2.990	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	36972	2.333	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	36328	2.319	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	22728	2.643	ug/L	89
65) 1,4-Dichlorobenzene	13.578	146	24175	2.735	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	20608	2.614	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	1672	3.187	ug/L #	65
69) 1,3,5-Trichlorobenzene	14.627	180	13727	2.402	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	10066	2.289	ug/L	98
71) Naphthalene	15.365	128	15273	1.846	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	7473	1.940	ug/L	91

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

