

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070722\
 Data File : VW023569.D
 Acq On : 07 Jul 2022 11:13
 Operator : SY/VA
 Sample : VSTD02544
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025444

Quant Time: Jul 07 12:23:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 07 12:22:19 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	313054	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	301334	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	167020	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	147664	31.500	ug/L	0.00
7) Chloroethane-d5	2.879	69	88023	28.415	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	163293	28.596	ug/L	0.00
21) 2-Butanone-d5	7.080	46	56793	49.607	ug/L	0.00
24) Chloroform-d	7.647	84	227560	26.209	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	126286	26.224	ug/L	0.00
32) Benzene-d6	8.275	84	434269	26.294	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	123775	25.430	ug/L	0.00
41) Toluene-d8	10.323	98	420238	26.180	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	56131	25.981	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	48220	51.469	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	123389	26.090	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	151343	24.549	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	46195	34.169	ug/L	98
3) Chloromethane	2.215	50	101439	26.072	ug/L	98
5) Vinyl chloride	2.355	62	180829	33.287	ug/L	97
6) Bromomethane	2.770	94	96350	27.928	ug/L	96
8) Chloroethane	2.916	64	72664	31.025	ug/L	86
9) Trichlorofluoromethane	3.245	101	72126	28.443	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	112446	28.305	ug/L	100
12) 1,1-Dichloroethene	4.038	96	95304	28.931	ug/L	88
13) Acetone	4.129	43	38139	47.543	ug/L	99
14) Carbon disulfide	4.385	76	277875	31.116	ug/L	98
15) Methyl Acetate	4.678	43	48369	26.159	ug/L	100
16) Methylene chloride	4.916	84	111932	24.035	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	110640	26.941	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	167218	27.502	ug/L	99
19) 1,1-Dichloroethane	6.214	63	198518	27.292	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	121310	27.085	ug/L	95
22) 2-Butanone	7.171	43	66347	49.970	ug/L	100
23) Bromochloromethane	7.519	128	59617	26.657	ug/L	97
25) Chloroform	7.677	83	225278	27.595	ug/L	97
27) 1,2-Dichloroethane	8.397	62	150345	27.813	ug/L	100
29) Cyclohexane	7.958	56	164367	27.877	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	182797	26.977	ug/L	99
31) Carbon tetrachloride	8.067	117	168422	27.394	ug/L	97
33) Benzene	8.323	78	473583	27.015	ug/L	100
34) Trichloroethene	9.092	95	121945	26.107	ug/L	95
35) Methylcyclohexane	9.335	83	206124	27.901	ug/L	100
37) 1,2-Dichloropropane	9.366	63	114427	26.953	ug/L	99
38) Bromodichloromethane	9.646	83	168200	27.469	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	181813	27.499	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	154703	54.788	ug/L	100
42) Toluene	10.384	91	542111	27.869	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	169696	27.755	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	101663	27.797	ug/L	99
46) Tetrachloroethene	10.860	164	97492	25.941	ug/L	95
48) 2-Hexanone	10.969	43	110983	57.093	ug/L	99
49) Dibromochloromethane	11.128	129	119129	26.886	ug/L	95
50) 1,2-Dibromoethane	11.238	107	98126	27.042	ug/L	91
51) Chlorobenzene	11.658	112	351609	26.475	ug/L	98
52) Ethylbenzene	11.731	91	610452	28.017	ug/L	98
53) m,p-Xylene	11.841	106	240483	28.073	ug/L	94
54) o-Xylene	12.164	106	232185	28.582	ug/L	90
55) Styrene	12.176	104	410287	28.873	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	129428	27.465	ug/L	96
59) Bromoform	12.347	173	68728	26.638	ug/L	99
60) Isopropylbenzene	12.463	105	617413	27.087	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	93259	26.465	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	531655	27.876	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	534118	27.920	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	287654	26.176	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	294170	26.359	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	274470	27.328	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	21542	26.498	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	179482	24.787	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	148144	25.175	ug/L	99
71) Naphthalene	15.359	128	333455	26.957	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	138599	25.527	ug/L	100

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

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