

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021832.D
 Acq On : 11 Jan 2022 14:15
 Operator : SY/VA
 Sample : VSTD10048
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100448

Quant Time: Jan 11 14:37:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 11 13:58:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	138162	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	136191	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	82917	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	265895	100.263	ug/L	0.00
7) Chloroethane-d5	2.885	69	279375	148.899	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	395011	99.794	ug/L	0.00
21) 2-Butanone-d5	7.092	46	76868	203.460	ug/L	0.00
24) Chloroform-d	7.652	84	427038	99.398	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	205719	92.552	ug/L	0.00
32) Benzene-d6	8.274	84	843637	102.548	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	224464	100.945	ug/L	0.00
41) Toluene-d8	10.323	98	861603	104.853	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	109942	105.691	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	73436	226.154	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	179314	100.505	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	320880	101.005	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	77857	105.662	ug/L	98
3) Chloromethane	2.208	50	188434	91.915	ug/L	97
5) Vinyl chloride	2.361	62	277405	91.873	ug/L	96
6) Bromomethane	2.781	94	191730	97.353	ug/L	98
8) Chloroethane	2.915	64	206476	138.565	ug/L	100
9) Trichlorofluoromethane	3.257	101	191574	100.447	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	220701	97.306	ug/L	90
12) 1,1-Dichloroethene	4.037	96	200444	98.510	ug/L	80
13) Acetone	4.159	43	55195	170.131	ug/L	87
14) Carbon disulfide	4.379	76	556673	96.946	ug/L	97
15) Methyl Acetate	4.683	43	61989	100.910	ug/L	# 83
16) Methylene chloride	4.921	84	194782	79.343	ug/L	76
17) trans-1,2-Dichloroethene	5.427	96	215913	99.705	ug/L	79
18) Methyl tert-butyl Ether	5.433	73	286462	98.068	ug/L	# 89
19) 1,1-Dichloroethane	6.220	63	326200	97.740	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	229909	102.813	ug/L	69
22) 2-Butanone	7.189	43	80575	186.371	ug/L	78
23) Bromochloromethane	7.512	128	117264	108.132	ug/L	# 56
25) Chloroform	7.677	83	375486	97.472	ug/L	97
27) 1,2-Dichloroethane	8.402	62	217635	89.350	ug/L	# 91
29) Cyclohexane	7.957	56	300627	95.621	ug/L	# 76
30) 1,1,1-Trichloroethane	7.878	97	349708	97.295	ug/L	# 91
31) Carbon tetrachloride	8.067	117	342667	97.530	ug/L	98
33) Benzene	8.329	78	777454	93.420	ug/L	100
34) Trichloroethene	9.091	95	232028	97.773	ug/L	86
35) Methylcyclohexane	9.335	83	391141	99.821	ug/L	# 79
37) 1,2-Dichloropropane	9.372	63	175855	95.327	ug/L	# 94
38) Bromodichloromethane	9.646	83	268048	96.976	ug/L	# 98
39) cis-1,3-Dichloropropene	10.073	75	312539	105.356	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	183082	189.461	ug/L	# 85
42) Toluene	10.390	91	920838	96.085	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	269388	102.490	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	155510	102.187	ug/L	93
46) Tetrachloroethene	10.865	164	229054	102.831	ug/L	94
48) 2-Hexanone	10.969	43	128877	198.314	ug/L #	87
49) Dibromochloromethane	11.127	129	220080	108.643	ug/L	97
50) 1,2-Dibromoethane	11.237	107	163572	108.456	ug/L #	97
51) Chlorobenzene	11.658	112	641626	102.253	ug/L #	88
52) Ethylbenzene	11.731	91	1015073	94.471	ug/L	95
53) m,p-Xylene	11.841	106	440243	101.548	ug/L	84
54) o-Xylene	12.164	106	399956	97.808	ug/L	93
55) Styrene	12.182	104	672279	96.116	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.713	83	165954	100.419	ug/L #	97
59) Bromoform	12.347	173	137233	117.948	ug/L	99
60) Isopropylbenzene	12.463	105	1118367	96.811	ug/L #	93
61) 1,2,3-Trichloropropane	12.767	75	116992	94.663	ug/L #	88
62) 1,3,5-Trimethylbenzene	12.944	105	924503	95.081	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	905787	94.559	ug/L	91
64) 1,3-Dichlorobenzene	13.493	146	534642	97.329	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	535902	98.139	ug/L	91
67) 1,2-Dichlorobenzene	13.871	146	471693	98.959	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.480	75	26042	99.462	ug/L #	48
69) 1,3,5-Trichlorobenzene	14.627	180	412175	103.055	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	336884	106.301	ug/L	96
71) Naphthalene	15.364	128	599732	117.481	ug/L	99
72) 1,2,3-Trichlorobenzene	15.553	180	277363	103.176	ug/L	96

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

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