

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111521\
 Data File : VW020889.D
 Acq On : 15 Nov 2021 11:46
 Operator : SY/VA
 Sample : VSTD10023
 Misc : 5.00g/10.00mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100423

Quant Time: Nov 15 12:09:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 15 11:53:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	126680	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	119771	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	65730	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	155869	123.150	ug/L	0.00
7) Chloroethane-d5	2.879	69	106536	144.284	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	285516	110.939	ug/L	0.00
21) 2-Butanone-d5	7.074	46	72655	189.044	ug/L	0.00
24) Chloroform-d	7.647	84	328560	113.704	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	164155	107.817	ug/L	0.00
32) Benzene-d6	8.275	84	635146	112.279	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	178172	103.928	ug/L	0.00
41) Toluene-d8	10.323	98	621466	111.760	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	86078	101.815	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	61643	186.054	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	138610	99.915	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	229892	107.472	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	46810	100.852	ug/L	100
3) Chloromethane	2.215	50	119750	94.706	ug/L	100
5) Vinyl chloride	2.361	62	190955	100.983	ug/L	95
6) Bromomethane	2.776	94	110875	110.813	ug/L	99
8) Chloroethane	2.916	64	85359	119.480	ug/L	99
9) Trichlorofluoromethane	3.257	101	106101	104.218	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	168479	101.188	ug/L	90
12) 1,1-Dichloroethene	4.038	96	157782	99.968	ug/L	86
13) Acetone	4.123	43	58272	166.034	ug/L	92
14) Carbon disulfide	4.385	76	401755	86.901	ug/L	99
15) Methyl Acetate	4.672	43	57545	92.700	ug/L	# 90
16) Methylene chloride	4.915	84	153329	83.168	ug/L	84
17) trans-1,2-Dichloroethene	5.421	96	167881	100.136	ug/L	85
18) Methyl tert-butyl Ether	5.428	73	250078	103.352	ug/L	93
19) 1,1-Dichloroethane	6.220	63	286982	99.156	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	184613	103.405	ug/L	75
22) 2-Butanone	7.171	43	82909	178.537	ug/L	88
23) Bromochloromethane	7.519	128	84799	102.439	ug/L	# 66
25) Chloroform	7.677	83	310270	101.693	ug/L	100
27) 1,2-Dichloroethane	8.403	62	186505	95.513	ug/L	# 94
29) Cyclohexane	7.958	56	252745	84.936	ug/L	# 85
30) 1,1,1-Trichloroethane	7.872	97	278549	98.824	ug/L	94
31) Carbon tetrachloride	8.073	117	273262	102.606	ug/L	98
33) Benzene	8.323	78	652428	93.180	ug/L	100
34) Trichloroethene	9.092	95	183482	97.681	ug/L	92
35) Methylcyclohexane	9.335	83	295035	91.487	ug/L	87
37) 1,2-Dichloropropane	9.372	63	155518	94.159	ug/L	# 97
38) Bromodichloromethane	9.646	83	230358	98.733	ug/L	# 98
39) cis-1,3-Dichloropropene	10.073	75	264786	97.986	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	183412	172.846	ug/L	# 93
42) Toluene	10.390	91	742776	97.947	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	233194	95.397	ug/L	100

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

45) 1,1,2-Trichloroethane	10.786	97	119754	95.887	ug/L	96
46) Tetrachloroethene	10.866	164	168040	98.463	ug/L	93
48) 2-Hexanone	10.969	43	133210	173.054	ug/L #	96
49) Dibromochloromethane	11.128	129	172197	101.809	ug/L	94
50) 1,2-Dibromoethane	11.238	107	120428	96.132	ug/L #	90
51) Chlorobenzene	11.658	112	502647	102.219	ug/L	93
52) Ethylbenzene	11.731	91	833397	98.236	ug/L	94
53) m,p-Xylene	11.841	106	338301	99.472	ug/L	91
54) o-Xylene	12.164	106	330826	102.642	ug/L	96
55) Styrene	12.182	104	569134	103.703	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	133974	92.643	ug/L #	98
59) Bromoform	12.347	173	104774	96.580	ug/L	100
60) Isopropylbenzene	12.463	105	883962	99.134	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	96611	91.563	ug/L	94
62) 1,3,5-Trimethylbenzene	12.945	105	755214	98.923	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	746921	98.127	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	411740	99.045	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	397196	96.342	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	361183	98.738	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	23144	90.667	ug/L #	57
69) 1,3,5-Trichlorobenzene	14.627	180	315859	95.680	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	268043	97.621	ug/L	87
71) Naphthalene	15.365	128	419414	90.317	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	215447	92.590	ug/L	97

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

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