

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041421\
 Data File : VW018650.D
 Acq On : 14 Apr 2021 17:28
 Operator : SY/VA
 Sample : VSTD10006
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100106

Quant Time: Apr 15 11:04:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 15 11:01:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	613013	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	581329	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	288050	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	871781	88.86	ug/L	0.00
7) Chloroethane-d5	2.892	69	808443	101.15	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.026	63	1563320	99.86	ug/L	0.00
21) 2-Butanone-d5	7.080	46	431123	208.57	ug/L	0.00
24) Chloroform-d	7.647	84	1644124	99.88	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	919043	94.96	ug/L	0.00
32) Benzene-d6	8.275	84	3244487	103.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	1000439	108.16	ug/L	0.00
41) Toluene-d8	10.323	98	3118908	101.85	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	477833	107.35	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	377736	217.89	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	841170	98.86	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	1013313	101.42	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	537540	80.61	ug/L	91
3) Chloromethane	2.221	50	753530	89.80	ug/L	99
5) Vinyl chloride	2.367	62	1021516	81.23	ug/L	98
6) Bromomethane	2.782	94	867869	95.74	ug/L	96
8) Chloroethane	2.928	64	697928	93.91	ug/L	95
9) Trichlorofluoromethane	3.263	101	669639	113.96	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	785882	95.45	ug/L	98
12) 1,1-Dichloroethene	4.044	96	787895	96.28	ug/L	89
13) Acetone	4.129	43	259088	181.23	ug/L	88
14) Carbon disulfide	4.391	76	2309148	94.54	ug/L	100
15) Methyl Acetate	4.672	43	352363	98.53	ug/L	97
16) Methylene chloride	4.922	84	815506	88.26	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	839637	95.27	ug/L	98
18) Methyl tert-butyl Ether	5.422	73	1121402	99.30	ug/L	97
19) 1,1-Dichloroethane	6.214	63	1530310	99.46	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	903924	97.05	ug/L	97
22) 2-Butanone	7.177	43	444969	196.92	ug/L	97
23) Bromochloromethane	7.519	128	390342	91.05	ug/L	95
25) Chloroform	7.677	83	1561961	94.82	ug/L	99
27) 1,2-Dichloroethane	8.403	62	1037810	89.72	ug/L	99
29) Cyclohexane	7.958	56	1355250	99.30	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	1219962	93.70	ug/L	99
31) Carbon tetrachloride	8.074	117	1130831	92.15	ug/L	98
33) Benzene	8.323	78	3419191	98.04	ug/L	100
34) Trichloroethene	9.092	95	887304	93.27	ug/L	93
35) Methylcyclohexane	9.336	83	1541259	95.00	ug/L	99
37) 1,2-Dichloropropane	9.372	63	861097	102.55	ug/L	98
38) Bromodichloromethane	9.646	83	1161996	98.57	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	1408442	104.09	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	1053927	198.55	ug/L	94
42) Toluene	10.390	91	3804396	96.87	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	1267236	102.21	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	663076	96.50	ug/L	96
46) Tetrachloroethene	10.866	164	649769	91.86	ug/L	89
48) 2-Hexanone	10.969	43	717427	191.90	ug/L	93
49) Dibromochloromethane	11.128	129	766576	96.42	ug/L	98
50) 1,2-Dibromoethane	11.238	107	632183	91.51	ug/L	99
51) Chlorobenzene	11.658	112	2319553	92.97	ug/L	99
52) Ethylbenzene	11.731	91	4211990	95.24	ug/L	99
53) m,p-Xylene	11.841	106	1580494	96.35	ug/L	99
54) o-Xylene	12.164	106	1568688	98.50	ug/L	93
55) Styrene	12.183	104	2751725	101.10	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	815993	94.58	ug/L	99
59) Bromoform	12.353	173	452057	103.38	ug/L	98
60) Isopropylbenzene	12.463	105	4237749	102.28	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	596377	96.52	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	3497589	100.27	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	3521206	100.73	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	1747982	96.37	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	1718301	93.73	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	1604731	95.54	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	133868	92.93	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	1283698	97.49	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	1063172	96.03	ug/L	99
71) Naphthalene	15.365	128	2285498	98.13	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	919003	93.26	ug/L	99

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

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