

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022321\
 Data File : VW018225.D
 Acq On : 23 Feb 2021 12:48
 Operator : SY/VA
 Sample : VSTD10003
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100103

Quant Time: Feb 23 13:42:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 23 13:38:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	440021	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	395939	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	199126	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	473508	65.09	ug/L	0.00
7) Chloroethane-d5	2.891	69	378539	61.78	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.031	63	972327	78.58	ug/L	0.00
21) 2-Butanone-d5	7.073	46	210802	122.69	ug/L	0.00
24) Chloroform-d	7.646	84	1058309	83.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	507759	72.43	ug/L	0.00
32) Benzene-d6	8.274	84	2087338	90.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	577145	88.27	ug/L	0.00
41) Toluene-d8	10.323	98	1989458	91.49	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	278719	96.36	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	191734	170.29	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	447768	74.31	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	712094	97.09	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	535542	98.92	ug/L	97
3) Chloromethane	2.221	50	416756	78.15	ug/L	99
5) Vinyl chloride	2.367	62	559894	72.17	ug/L	98
6) Bromomethane	2.781	94	397620	59.17	ug/L	99
8) Chloroethane	2.928	64	329715	66.74	ug/L	100
9) Trichlorofluoromethane	3.263	101	468913	92.70	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	563225	88.11	ug/L	88
12) 1,1-Dichloroethene	4.043	96	564700	95.20	ug/L	89
13) Acetone	4.123	43	126658	107.85	ug/L	88
14) Carbon disulfide	4.391	76	1639475	93.89	ug/L	100
15) Methyl Acetate	4.671	43	183726	60.79	ug/L	93
16) Methylene chloride	4.921	84	528489	73.64	ug/L	86
17) trans-1,2-Dichloroethene	5.427	96	602634	94.44	ug/L	90
18) Methyl tert-butyl Ether	5.421	73	564239	77.21	ug/L #	94
19) 1,1-Dichloroethane	6.214	63	939903	86.99	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	630346	94.43	ug/L	90
22) 2-Butanone	7.171	43	228162	118.56	ug/L	93
23) Bromochloromethane	7.518	128	295761	95.97	ug/L #	77
25) Chloroform	7.677	83	1017550	87.44	ug/L	100
27) 1,2-Dichloroethane	8.396	62	592201	74.31	ug/L #	93
29) Cyclohexane	7.957	56	846996	90.24	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	830719	92.06	ug/L	94
31) Carbon tetrachloride	8.067	117	810835	93.58	ug/L	99
33) Benzene	8.323	78	2187047	91.63	ug/L	100
34) Trichloroethene	9.091	95	616790	94.09	ug/L	93
35) Methylcyclohexane	9.335	83	1025395	94.07	ug/L	95
37) 1,2-Dichloropropane	9.366	63	508239	87.91	ug/L	99
38) Bromodichloromethane	9.646	83	738622	92.37	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	876355	100.07	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	525831	139.00	ug/L #	90
42) Toluene	10.390	91	2429417	93.27	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	748590	98.02	ug/L	97

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

45) 1,1,2-Trichloroethane	10.786	97	413308	87.29	ug/L	98
46) Tetrachloroethene	10.859	164	546205	107.94	ug/L	97
48) 2-Hexanone	10.969	43	355324	139.83	ug/L #	90
49) Dibromochloromethane	11.128	129	545947	101.23	ug/L	92
50) 1,2-Dibromoethane	11.231	107	416213	89.70	ug/L	99
51) Chlorobenzene	11.658	112	1617437	95.96	ug/L	94
52) Ethylbenzene	11.731	91	2720972	93.60	ug/L	98
53) m,p-Xylene	11.841	106	1080748	96.33	ug/L	92
54) o-Xylene	12.164	106	1036005	99.06	ug/L	95
55) Styrene	12.182	104	1719139	96.35	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	450853	77.31	ug/L	99
59) Bromoform	12.347	173	317698	104.71	ug/L #	96
60) Isopropylbenzene	12.463	105	2749527	95.75	ug/L	97
61) 1,2,3-Trichloropropane	12.767	75	326504	74.68	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	2339624	99.96	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	2308515	99.46	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	1276267	101.59	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	1263650	98.78	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	1140021	97.75	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	72699	76.13	ug/L #	65
69) 1,3,5-Trichlorobenzene	14.627	180	960918	107.28	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	807102	107.52	ug/L	99
71) Naphthalene	15.365	128	1470872	92.77	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	710766	104.90	ug/L	98

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

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