

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022321\
 Data File : VW018221.D
 Acq On : 23 Feb 2021 11:12
 Operator : SY/VA
 Sample : VSTD2.505
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5105

Manual Integrations
 APPROVED

Quant Time: Feb 23 13:38:51 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	8.842	114	432360	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	400061	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	207148	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	12234	1.71	ug/L	0.00
7) Chloroethane-d5	2.892	69	9294	1.54	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	24918	2.05	ug/L	0.00
21) 2-Butanone-d5	7.086	46	4701	2.78	ug/L	0.01
24) Chloroform-d	7.653	84	26960	2.18	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	13822	2.01	ug/L	0.00
32) Benzene-d6	8.275	84	52949	2.27	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.268	67	14691	2.22	ug/L	0.00
41) Toluene-d8	10.323	98	50253	2.29	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	6171	2.11	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	4081	3.59	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	12109	1.99	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	19492	2.55	ug/L	0.00

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Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.014	85	12996m	2.44	ug/L
3) Chloromethane	2.215	50	10181	1.94	ug/L
5) Vinyl chloride	2.367	62	14841	1.95	ug/L
6) Bromomethane	2.788	94	10109	1.53	ug/L
8) Chloroethane	2.934	64	7769	1.60	ug/L
9) Trichlorofluoromethane	3.263	101	8463	1.70	ug/L
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	14069	2.24	ug/L
12) 1,1-Dichloroethene	4.044	96	13421	2.30	ug/L
13) Acetone	4.135	43	3760m	3.26	ug/L
14) Carbon disulfide	4.391	76	47333	2.76	ug/L
15) Methyl Acetate	4.678	43	4613	1.55	ug/L #
16) Methylene chloride	4.916	84	18508	2.62	ug/L
17) trans-1,2-Dichloroethene	5.428	96	13959	2.23	ug/L
18) Methyl tert-butyl Ether	5.428	73	13640	1.90	ug/L #
19) 1,1-Dichloroethane	6.220	63	22159	2.09	ug/L
20) cis-1,2-Dichloroethene	7.171	96	14642	2.23	ug/L
22) 2-Butanone	7.183	43	5103	2.70	ug/L
23) Bromochloromethane	7.513	128	6887	2.27	ug/L
25) Chloroform	7.671	83	24294	2.12	ug/L
27) 1,2-Dichloroethane	8.403	62	14776	1.89	ug/L
29) Cyclohexane	7.952	56	18702	1.97	ug/L
30) 1,1,1-Trichloroethane	7.872	97	19925	2.19	ug/L
31) Carbon tetrachloride	8.067	117	18775	2.14	ug/L
33) Benzene	8.323	78	52897	2.19	ug/L
34) Trichloroethene	9.092	95	14894	2.25	ug/L
35) Methylcyclohexane	9.329	83	23763	2.16	ug/L
37) 1,2-Dichloropropane	9.366	63	12089	2.07	ug/L
38) Bromodichloromethane	9.640	83	16356	2.02	ug/L
39) cis-1,3-Dichloropropene	10.073	75	17306	1.96	ug/L
40) 4-Methyl-2-pentanone	10.207	43	11086	2.90	ug/L #
42) Toluene	10.384	91	56876	2.16	ug/L
44) trans-1,3-Dichloropropene	10.604	75	15075	1.95	ug/L

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

45) 1,1,2-Trichloroethane	10.786	97	9637	2.01	ug/L	98
46) Tetrachloroethene	10.860	164	13231	2.59	ug/L	95
48) 2-Hexanone	10.969	43	7325	2.85	ug/L #	91
49) Dibromochloromethane	11.128	129	11666	2.14	ug/L	98
50) 1,2-Dibromoethane	11.231	107	9455	2.02	ug/L #	96
51) Chlorobenzene	11.658	112	39261	2.31	ug/L	96
52) Ethylbenzene	11.731	91	64407	2.19	ug/L	99
53) m,p-Xylene	11.835	106	25064	2.21	ug/L	95
54) o-Xylene	12.164	106	23180	2.19	ug/L	91
55) Styrene	12.176	104	38093	2.11	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	11120	1.89	ug/L #	93
59) Bromoform	12.347	173	6375	2.02	ug/L #	93
60) Isopropylbenzene	12.463	105	61800	2.07	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	8189	1.80	ug/L	93
62) 1,3,5-Trimethylbenzene	12.945	105	50216	2.06	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	50423	2.09	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	32015	2.45	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	32559	2.45	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	28063	2.31	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	1682	1.69	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.627	180	23653	2.54	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	19686	2.52	ug/L	99
71) Naphthalene	15.365	128	31733	1.92	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	17433	2.47	ug/L	96

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

