

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112420\
 Data File : VW017463.D
 Acq On : 24 Nov 2020 09:37
 Operator : SY/VA
 Sample : VSTD2.506
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.506

Manual Integrations
 APPROVED

mmdadoda
 11/26/2020 1:51:07 PM

Quant Time: Nov 24 11:27:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 24 11:21:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	414944	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	378874	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	188332	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	13612	2.19	ug/L	0.00
7) Chloroethane-d5	2.90	69	13480	2.83	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	32675	3.14	ug/L	0.00
20) 2-Butanone-d5	7.10	46	6315	5.88	ug/L	0.01
24) Chloroform-d	7.66	84	33105	3.13	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	16463	3.08	ug/L	0.00
29) Benzene-d6	8.28	84	65324	3.05	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	18306	2.92	ug/L	0.00
37) Toluene-d8	10.32	98	57323	2.59	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	7878	2.72	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	3936	3.88	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	13546	2.66	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	20334	2.84	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.02	85	9861	2.505 ug/L	99
3) Chloromethane	2.22	50	9436	2.235 ug/L	98
5) Vinyl chloride	2.37	62	10532	1.809 ug/L	95
6) Bromomethane	2.79	94	9291	2.148 ug/L	95
8) Chloroethane	2.93	64	8349	2.286 ug/L	100
9) Trichlorofluoromethane	3.27	101	13128	2.484 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	14226	2.625 ug/L #	51
12) 1,1-Dichloroethene	4.05	96	14141	2.739 ug/L	95
13) Acetone	4.14	43	7296	9.455 ug/L	86
14) Carbon disulfide	4.39	76	41846	2.836 ug/L	99
15) Methyl Acetate	4.68	43	4832	2.861 ug/L	95
16) Methylene chloride	4.93	84	19499m	2.475 ug/L	
17) Methyl tert-butyl Ether	5.42	73	15010m	2.436 ug/L	
18) trans-1,2-Dichloroethene	5.43	96	14285	2.594 ug/L	92
19) 1,1-Dichloroethane	6.22	63	24922	2.918 ug/L	97
21) 2-Butanone	7.18	43	6405m	5.602 ug/L	
22) cis-1,2-Dichloroethene	7.17	96	15040	2.624 ug/L	91
23) Bromochloromethane	7.52	128	7011	2.589 ug/L	89
25) Chloroform	7.68	83	26339	2.746 ug/L	100
27) 1,2-Dichloroethane	8.40	62	16071	2.699 ug/L #	91
30) Cyclohexane	7.97	56	20537	2.826 ug/L	97
31) 1,1,1-Trichloroethane	7.88	97	21856	2.531 ug/L #	88
32) Carbon tetrachloride	8.07	117	20547	2.424 ug/L	100
34) Benzene	8.33	78	55397	2.625 ug/L	100
35) Trichloroethene	9.10	95	15759	2.449 ug/L	95
36) Methylcyclohexane	9.34	83	24376	2.316 ug/L	97
40) 1,2-Dichloropropane	9.37	63	13006	2.455 ug/L #	96
41) Bromodichloromethane	9.65	83	17835	2.412 ug/L #	93
42) cis-1,3-Dichloropropene	10.08	75	18500	2.187 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	12658	4.895 ug/L #	89

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44) Toluene	10.39	91	58433	2.277	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	15654	2.137	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	9833	2.168	ug/L	94
47) Tetrachloroethene	10.87	164	13492	2.184	ug/L	87
49) 2-Hexanone	10.97	43	6676	3.713	ug/L #	93
50) Dibromochloromethane	11.13	129	11909	2.148	ug/L	89
51) 1,2-Dibromoethane	11.24	107	9336	2.245	ug/L	92
52) Chlorobenzene	11.66	112	39125	2.354	ug/L	97
53) Ethylbenzene	11.73	91	65463	2.351	ug/L	99
54) m,p-Xylene	11.84	106	24061	2.208	ug/L	89
55) o-xylene	12.17	106	22690	2.146	ug/L	96
56) Styrene	12.18	104	37651	2.091	ug/L	90
57) Isopropylbenzene	12.46	105	61610	2.092	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.71	83	10262	2.112	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	8170	2.352	ug/L	96
62) Bromoform	12.35	173	6465	2.250	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	30040	2.421	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	31311	2.508	ug/L	93
65) 1,2-Dichlorobenzene	13.88	146	26909	2.418	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.49	75	1980	3.033	ug/L #	72
67) 1,3,5-Trichlorobenzene	14.63	180	20910	2.248	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	16139	1.958	ug/L	95
69) Naphthalene	15.36	128	25564	2.012	ug/L	98
70) 1,2,3-Trichlorobenzene	15.56	180	14102	1.926	ug/L	98

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

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