

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111820\
 Data File : VW017326.D
 Acq On : 18 Nov 2020 14:10
 Operator : SY/VA
 Sample : VSTD2.505
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.505

Manual Integrations
 APPROVED

MMDadoda
 11/20/2020 12:26:15 PM

Quant Time: Nov 18 14:45:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 13:27:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	436363	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	401750	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	205673	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	18539	2.86	ug/L	0.00
7) Chloroethane-d5	2.89	69	14202	2.75	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	30157	2.68	ug/L	0.00
20) 2-Butanone-d5	7.09	46	6854m	7.05	ug/L	0.01
24) Chloroform-d	7.65	84	30499	2.71	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	15385	2.92	ug/L	0.00
29) Benzene-d6	8.28	84	60058	2.67	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	15705	2.64	ug/L	0.00
37) Toluene-d8	10.33	98	55206	2.63	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	6678	2.62	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	4306	5.88	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	12946	3.06	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	21199	2.88	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	9759	2.451 ug/L	97
3) Chloromethane	2.21	50	11591	2.589 ug/L	100
5) Vinyl chloride	2.37	62	16064	2.449 ug/L	96
6) Bromomethane	2.78	94	12027	2.450 ug/L	100
8) Chloroethane	2.93	64	10087	2.515 ug/L	91
9) Trichlorofluoromethane	3.27	101	13647	2.333 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	14880m	2.470 ug/L	
12) 1,1-Dichloroethene	4.04	96	13932m	2.427 ug/L	
13) Acetone	4.13	43	5124	7.447 ug/L	82
14) Carbon disulfide	4.39	76	40178	2.373 ug/L	97
15) Methyl Acetate	4.68	43	4931	3.230 ug/L	96
16) Methylene chloride	4.92	84	26722	3.195 ug/L	95
17) Methyl tert-butyl Ether	5.43	73	17907m	2.788 ug/L	
18) trans-1,2-Dichloroethene	5.43	96	15143	2.488 ug/L	95
19) 1,1-Dichloroethane	6.23	63	23168	2.488 ug/L	99
21) 2-Butanone	7.18	43	8084	7.427 ug/L	84
22) cis-1,2-Dichloroethene	7.18	96	15474	2.516 ug/L	99
23) Bromochloromethane	7.52	128	7652	2.713 ug/L	85
25) Chloroform	7.68	83	26823	2.588 ug/L	99
27) 1,2-Dichloroethane	8.40	62	16107	2.759 ug/L	99
30) Cyclohexane	7.96	56	18540	2.292 ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	23036	2.450 ug/L	98
32) Carbon tetrachloride	8.07	117	21899	2.432 ug/L	98
34) Benzene	8.33	78	56366	2.490 ug/L	100
35) Trichloroethene	9.10	95	16049	2.486 ug/L	100
36) Methylcyclohexane	9.34	83	23651	2.286 ug/L	95
40) 1,2-Dichloropropane	9.37	63	13149	2.611 ug/L	99
41) Bromodichloromethane	9.65	83	17732	2.486 ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	17816	2.289 ug/L	95
43) 4-Methyl-2-pentanone	10.21	43	16412	7.675 ug/L	98

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44) Toluene	10.39	91	60902	2.424	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	15316	2.335	ug/L	88
46) 1,1,2-Trichloroethane	10.79	97	11060	2.864	ug/L	95
47) Tetrachloroethene	10.87	164	14563	2.516	ug/L	95
49) 2-Hexanone	10.98	43	7976	5.710	ug/L	94
50) Dibromochloromethane	11.13	129	12865	2.599	ug/L	99
51) 1,2-Dibromoethane	11.24	107	10774	2.905	ug/L	99
52) Chlorobenzene	11.66	112	42209	2.534	ug/L	97
53) Ethylbenzene	11.73	91	66754	2.371	ug/L	98
54) m,p-Xylene	11.84	106	25676	2.359	ug/L	91
55) o-xylene	12.16	106	24023	2.339	ug/L	95
56) Styrene	12.18	104	38648	2.291	ug/L	99
57) Isopropylbenzene	12.46	105	65058	2.297	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	12127	2.956	ug/L	94
59) 1,2,3-Trichloropropane	12.77	75	8915	3.054	ug/L	92
62) Bromoform	12.35	173	7238	2.675	ug/L #	95
63) 1,3-Dichlorobenzene	13.50	146	33983	2.581	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	33944	2.619	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	29494	2.585	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	1837	3.076	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	23184	2.406	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	17260	2.362	ug/L	98
69) Naphthalene	15.37	128	23126	2.335	ug/L	98
70) 1,2,3-Trichlorobenzene	15.55	180	16256	2.610	ug/L	94

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

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