

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111820\
 Data File : VW017320.D
 Acq On : 18 Nov 2020 11:22
 Operator : SY/VA
 Sample : VSTD2.505
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.505

Manual Integrations
 APPROVED

MMDadoda
 11/20/2020 12:26:10 PM

Quant Time: Nov 18 12:54:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 12:44:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	399638	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	355828	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	180428	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	17340	3.49	ug/L	0.00
7) Chloroethane-d5	2.89	69	13439	3.46	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	27727	3.08	ug/L	0.00
20) 2-Butanone-d5	7.09	46	5076m	4.82	ug/L	0.01
24) Chloroform-d	7.65	84	27907	3.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	12803	2.80	ug/L	0.00
29) Benzene-d6	8.28	84	53922	3.00	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	14066	2.85	ug/L	0.00
37) Toluene-d8	10.33	98	47599	2.80	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	5622	2.55	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	3121	3.86	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	9696	2.33	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	17573	2.84	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	8137	2.082	ug/L 98
3) Chloromethane	2.21	50	10895	2.952	ug/L 96
5) Vinyl chloride	2.36	62	15270	2.824	ug/L 98
6) Bromomethane	2.78	94	11282	2.978	ug/L 97
8) Chloroethane	2.93	64	8793	2.679	ug/L 91
9) Trichlorofluoromethane	3.27	101	12873	2.901	ug/L 97
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	13872	2.702	ug/L 92
12) 1,1-Dichloroethene	4.04	96	13169	2.661	ug/L 85
13) Acetone	4.12	43	3441	4.825	ug/L 87
14) Carbon disulfide	4.39	76	37964	2.759	ug/L 96
15) Methyl Acetate	4.68	43	3527m	2.027	ug/L
16) Methylene chloride	4.92	84	30138	5.468	ug/L 93
17) Methyl tert-butyl Ether	5.43	73	14267	2.409	ug/L # 78
18) trans-1,2-Dichloroethene	5.43	96	13695	2.651	ug/L 91
19) 1,1-Dichloroethane	6.22	63	20789	2.570	ug/L 96
21) 2-Butanone	7.18	43	6265m	5.519	ug/L
22) cis-1,2-Dichloroethene	7.18	96	13749	2.552	ug/L 97
23) Bromochloromethane	7.52	128	6461	2.527	ug/L 97
25) Chloroform	7.68	83	23945	2.709	ug/L 100
27) 1,2-Dichloroethane	8.40	62	13264	2.532	ug/L 97
30) Cyclohexane	7.96	56	16845	2.513	ug/L 98
31) 1,1,1-Trichloroethane	7.88	97	20729	2.804	ug/L 98
32) Carbon tetrachloride	8.07	117	19656	2.759	ug/L 100
34) Benzene	8.32	78	51082	2.726	ug/L 100
35) Trichloroethene	9.09	95	14410	2.727	ug/L 99
36) Methylcyclohexane	9.34	83	21305	2.506	ug/L 98
40) 1,2-Dichloropropane	9.37	63	11358	2.623	ug/L 98
41) Bromodichloromethane	9.65	83	15536	2.591	ug/L 93
42) cis-1,3-Dichloropropene	10.07	75	15300	2.237	ug/L 96
43) 4-Methyl-2-pentanone	10.21	43	9097	3.592	ug/L 99

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44) Toluene	10.39	91	54534	2.643	ug/L	95
45) trans-1,3-Dichloropropene	10.61	75	13122	2.253	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	8672	2.378	ug/L	97
47) Tetrachloroethene	10.87	164	13205	2.764	ug/L	92
49) 2-Hexanone	10.98	43	5446	3.571	ug/L	96
50) Dibromochloromethane	11.13	129	10361	2.304	ug/L	100
51) 1,2-Dibromoethane	11.24	107	8014	2.268	ug/L #	97
52) Chlorobenzene	11.66	112	37047	2.666	ug/L	92
53) Ethylbenzene	11.73	91	59188	2.558	ug/L	95
54) m,p-Xylene	11.84	106	22732	2.529	ug/L	86
55) o-xylene	12.17	106	21137	2.486	ug/L	100
56) Styrene	12.18	104	33241	2.337	ug/L	99
57) Isopropylbenzene	12.47	105	57894	2.500	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	9142	2.213	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	6743	2.276	ug/L #	83
62) Bromoform	12.35	173	5570	2.121	ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	29302	2.649	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	29195	2.637	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	25882	2.640	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	1344	2.156	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	21079	2.598	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	14641	2.298	ug/L	94
69) Naphthalene	15.37	128	16881	1.523	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	12512	2.180	ug/L	97

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

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