

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111820\
 Data File : VW017322.D
 Acq On : 18 Nov 2020 12:09
 Operator : SY/VA
 Sample : VSTD02501
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02501

Quant Time: Nov 18 12:52:42 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	386791	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	347633	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	183866	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	132937	27.63	ug/L	0.00
7) Chloroethane-d5	2.90	69	107201	28.53	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	240295	27.60	ug/L	0.00
20) 2-Butanone-d5	7.08	46	41026	40.21	ug/L	0.00
24) Chloroform-d	7.65	84	243694	27.10	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	115062	26.02	ug/L	0.00
29) Benzene-d6	8.28	84	483595	27.52	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	128215	26.57	ug/L	0.00
37) Toluene-d8	10.32	98	459957	27.66	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	54917	25.53	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	32023	40.53	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91933	22.62	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	159574	25.31	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	90340	23.886	ug/L 100
3) Chloromethane	2.21	50	92618	25.930	ug/L 100
5) Vinyl chloride	2.37	62	143397	27.403	ug/L 100
6) Bromomethane	2.79	94	102755	28.028	ug/L 100
8) Chloroethane	2.93	64	88365	27.820	ug/L 100
9) Trichlorofluoromethane	3.27	101	123030	28.651	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	128230	25.802	ug/L 100
12) 1,1-Dichloroethene	4.05	96	124616	26.019	ug/L 100
13) Acetone	4.13	43	28068	40.666	ug/L 100
14) Carbon disulfide	4.39	76	368326	27.658	ug/L 100
15) Methyl Acetate	4.67	43	32623	19.370	ug/L 100
16) Methylene chloride	4.92	84	141861	26.591	ug/L 100
17) Methyl tert-butyl Ether	5.43	73	139977	24.423	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	133564	26.718	ug/L 100
19) 1,1-Dichloroethane	6.22	63	202381	25.855	ug/L 100
21) 2-Butanone	7.18	43	42645	38.816	ug/L 100
22) cis-1,2-Dichloroethene	7.18	96	133329	25.565	ug/L 100
23) Bromochloromethane	7.52	128	60527	24.456	ug/L 100
25) Chloroform	7.68	83	225360	26.347	ug/L 100
27) 1,2-Dichloroethane	8.40	62	127447	25.140	ug/L 100
30) Cyclohexane	7.96	56	175737	26.837	ug/L 100
31) 1,1,1-Trichloroethane	7.88	97	203546	28.179	ug/L 100
32) Carbon tetrachloride	8.07	117	193865	27.855	ug/L 100
34) Benzene	8.33	78	487740	26.643	ug/L 100
35) Trichloroethene	9.09	95	137589	26.652	ug/L 100
36) Methylcyclohexane	9.34	83	227434	27.385	ug/L 100
40) 1,2-Dichloropropane	9.37	63	108552	25.663	ug/L 100
41) Bromodichloromethane	9.65	83	153183	26.145	ug/L 100
42) cis-1,3-Dichloropropene	10.07	75	172345	25.792	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	92548	37.402	ug/L 100

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44) Toluene	10.39	91	542212	26.902	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	144505	25.400	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	81742	22.941	ug/L	100
47) Tetrachloroethene	10.87	164	124321	26.640	ug/L	100
49) 2-Hexanone	10.97	43	61070	40.989	ug/L	100
50) Dibromochloromethane	11.13	129	107567	24.484	ug/L	100
51) 1,2-Dibromoethane	11.24	107	79623	23.068	ug/L	100
52) Chlorobenzene	11.66	112	355352	26.173	ug/L	100
53) Ethylbenzene	11.73	91	616536	27.269	ug/L	100
54) m,p-Xylene	11.84	106	235385	26.803	ug/L	100
55) o-xylene	12.17	106	222841	26.827	ug/L	100
56) Styrene	12.18	104	372448	26.800	ug/L	100
57) Isopropylbenzene	12.46	105	616820	27.265	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	87567	21.693	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	61425	21.220	ug/L	100
62) Bromoform	12.35	173	58284	21.779	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	286933	25.453	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	281201	24.922	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	246305	24.658	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	12574	19.791	ug/L	100
67) 1,3,5-Trichlorobenzene	14.63	180	209681	25.362	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	159868	24.628	ug/L	100
69) Naphthalene	15.36	128	227367	20.128	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	134089	22.928	ug/L	100

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

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