

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072020\
 Data File : VV017540.D
 Acq On : 20 Jul 2020 12:59
 Operator : SY/MD
 Sample : VSTD10062
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10062

Quant Time: Jul 20 17:47:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 20 17:41:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	273294	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	264917	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	150568	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	150022	103.91	ug/L	0.00
7) Chloroethane-d5	1.58	69	123008	117.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	389762	119.43	ug/L	0.00
21) 2-Butanone-d5	3.90	46	234453	238.44	ug/L	0.00
24) Chloroform-d	4.38	84	360625	109.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	255854	113.28	ug/L	0.00
32) Benzene-d6	5.07	84	614395	108.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	175346	107.23	ug/L	0.00
41) Toluene-d8	7.34	98	599007	110.14	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	113681	117.66	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	180749	259.15	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	269128	115.23	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	277689	110.73	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	238281	83.062 ug/L	99
3) Chloromethane	1.25	50	186986	91.578 ug/L	100
5) Vinyl chloride	1.32	62	201715	95.580 ug/L	99
6) Bromomethane	1.53	94	136567	119.768 ug/L	99
8) Chloroethane	1.60	64	116640	104.646 ug/L	98
9) Trichlorofluoromethane	1.76	101	378020	96.888 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	198248	107.297 ug/L	98
12) 1,1-Dichloroethene	2.13	96	181723	108.896 ug/L	90
13) Acetone	2.19	43	252278	192.500 ug/L	97
14) Carbon disulfide	2.31	76	546902	111.500 ug/L	100
15) Methyl Acetate	2.45	43	240845	137.924 ug/L	97
16) Methylene chloride	2.52	84	231444	121.956 ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	179783	102.755 ug/L	99
18) Methyl tert-butyl Ether	2.78	73	677814	113.039 ug/L	99
19) 1,1-Dichloroethane	3.21	63	337946	103.772 ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	186681	98.253 ug/L	100
22) 2-Butanone	3.99	43	246812	195.214 ug/L	99
23) Bromochloromethane	4.27	128	106062	99.924 ug/L	98
25) Chloroform	4.40	83	359548	97.989 ug/L	100
27) 1,2-Dichloroethane	5.15	62	316648	98.692 ug/L	100
29) Cyclohexane	4.70	56	244464	90.347 ug/L	# 98
30) 1,1,1-Trichloroethane	4.63	97	350490	96.969 ug/L	98
31) Carbon tetrachloride	4.86	117	315851	95.731 ug/L	100
33) Benzene	5.13	78	668017	96.452 ug/L	100
34) Trichloroethene	5.94	95	185676	91.019 ug/L	96
35) Methylcyclohexane	6.15	83	268300	89.982 ug/L	99
37) 1,2-Dichloropropane	6.20	63	167690	98.704 ug/L	99
38) Bromodichloromethane	6.53	83	281572	100.902 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	301771	103.200 ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	488711	206.302 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	751653	97.266	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	320320	105.894	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	182351	97.982	ug/L	99
46) Tetrachloroethene	8.00	164	160997	92.982	ug/L	99
48) 2-Hexanone	8.16	43	390195	203.552	ug/L	99
49) Dibromochloromethane	8.27	129	240765	103.052	ug/L	100
50) 1,2-Dibromoethane	8.37	107	199837	97.774	ug/L	99
51) Chlorobenzene	8.90	112	515432	97.581	ug/L	99
52) Ethylbenzene	9.03	91	874128	98.479	ug/L	98
53) m,p-Xylene	9.16	106	337660	101.795	ug/L	97
54) o-xylene	9.56	106	359191	111.843	ug/L	99
55) Styrene	9.58	104	620051	111.021	ug/L	98
56) Isopropylbenzene	9.95	105	901631	101.008	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	282011	102.279	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	239648	100.512	ug/L	100
61) Bromoform	9.75	173	195934	107.210	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	455578	97.565	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	459195	96.423	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	459145	98.112	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	90976	116.960	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	382263	107.467	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	339763	108.487	ug/L	100
69) Naphthalene	13.52	128	1005002	115.277	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	334147	105.514	ug/L	99

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

