

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072120\
 Data File : VV017562.D
 Acq On : 21 Jul 2020 13:53
 Operator : SY/MD
 Sample : VSTD01061
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01061

Quant Time: Jul 22 02:37:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 22 02:35:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	330936	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	314481	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	164844	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19926	10.66	ug/L	0.00
7) Chloroethane-d5	1.58	69	13848	9.35	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	39133	8.81	ug/L	0.00
21) 2-Butanone-d5	3.92	46	28130	20.16	ug/L	0.02
24) Chloroform-d	4.38	84	43501	10.02	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	29040	9.87	ug/L	0.00
32) Benzene-d6	5.08	84	80365	11.08	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	24037	11.11	ug/L	0.00
41) Toluene-d8	7.34	98	75412	10.98	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	13662	10.49	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	19936	19.84	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	34363	11.15	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	32807	10.56	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	34133	10.785 ug/L	99
3) Chloromethane	1.25	50	27021	10.692 ug/L	100
5) Vinyl chloride	1.32	62	25338	9.640 ug/L	98
6) Bromomethane	1.53	94	16816	9.974 ug/L	98
8) Chloroethane	1.60	64	12767	8.737 ug/L	99
9) Trichlorofluoromethane	1.76	101	41809	9.249 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	20993	8.771 ug/L	96
12) 1,1-Dichloroethene	2.13	96	19530	9.021 ug/L	99
13) Acetone	2.19	43	27359	16.913 ug/L	100
14) Carbon disulfide	2.31	76	67698	10.848 ug/L	99
15) Methyl Acetate	2.45	43	22567	9.333 ug/L	99
16) Methylene chloride	2.52	84	25566	10.083 ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	23564	10.669 ug/L	98
18) Methyl tert-butyl Ether	2.78	73	78248	10.071 ug/L	99
19) 1,1-Dichloroethane	3.21	63	43543	10.659 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	24631	10.270 ug/L	99
22) 2-Butanone	4.01	43	33005	21.248 ug/L	97
23) Bromochloromethane	4.28	128	13699	10.298 ug/L	96
25) Chloroform	4.41	83	46374	10.273 ug/L	96
27) 1,2-Dichloroethane	5.16	62	37963	9.838 ug/L	99
29) Cyclohexane	4.70	56	37320	11.713 ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	42932	10.108 ug/L	96
31) Carbon tetrachloride	4.86	117	39759	10.231 ug/L	97
33) Benzene	5.13	78	91686	10.917 ug/L	100
34) Trichloroethene	5.94	95	25660	11.114 ug/L	98
35) Methylcyclohexane	6.15	83	39694	11.491 ug/L	98
37) 1,2-Dichloropropane	6.20	63	24444	11.439 ug/L	99
38) Bromodichloromethane	6.53	83	34916	10.339 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	34846	9.761 ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	63630	21.496 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	102088	11.022	ug/L	97
44) trans-1,3-Dichloropropene	7.67	75	37129	9.958	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	24173	10.562	ug/L	97
46) Tetrachloroethene	8.00	164	21916	10.923	ug/L	97
48) 2-Hexanone	8.16	43	51188	21.682	ug/L	96
49) Dibromochloromethane	8.27	129	28432	9.988	ug/L	92
50) 1,2-Dibromoethane	8.38	107	25530	10.254	ug/L	95
51) Chlorobenzene	8.90	112	67137	10.405	ug/L	99
52) Ethylbenzene	9.03	91	111645	10.312	ug/L	100
53) m,p-Xylene	9.16	106	42939	10.624	ug/L	95
54) o-xylene	9.57	106	41002	10.441	ug/L	98
55) Styrene	9.58	104	67953	10.152	ug/L	97
56) Isopropylbenzene	9.95	105	112300	10.602	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	37373	10.886	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	30855	10.561	ug/L	98
61) Bromoform	9.75	173	20805	9.838	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	56030	10.634	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	55716	10.168	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	57087	10.469	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	8542	8.633	ug/L	94
67) 1,3,5-Trichlorobenzene	12.67	180	42547	10.135	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	36081	9.606	ug/L	98
69) Naphthalene	13.53	128	94963	8.959	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	36892	9.865	ug/L	97

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

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