

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051820\
 Data File : VV016091.D
 Acq On : 18 May 2020 10:51
 Operator : SY/MD
 Sample : VSTD01062
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01062

Quant Time: May 19 03:13:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM051820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 19 03:10:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	315289	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	308987	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	148176	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23196	8.47	ug/L	0.00
7) Chloroethane-d5	1.58	69	20389	8.65	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	42815	8.68	ug/L	0.00
21) 2-Butanone-d5	3.94	46	25311	16.93	ug/L	0.00
24) Chloroform-d	4.37	84	42941	9.33	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	30257	10.27	ug/L	0.00
32) Benzene-d6	5.07	84	82592	8.71	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	25996	9.25	ug/L	0.00
41) Toluene-d8	7.34	98	74465	8.25	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	12144	7.86	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	14655	11.91	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32439	8.28	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	28806	8.66	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	25350	9.247 ug/L	99
3) Chloromethane	1.25	50	26258	9.988 ug/L	97
5) Vinyl chloride	1.32	62	25839	9.474 ug/L	97
6) Bromomethane	1.53	94	14890	8.396 ug/L	98
8) Chloroethane	1.60	64	16799	8.907 ug/L	97
9) Trichlorofluoromethane	1.76	101	34066	6.930 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	21282	9.292 ug/L	99
12) 1,1-Dichloroethene	2.13	96	19137	8.906 ug/L	85
13) Acetone	2.21	43	29447	28.833 ug/L	96
14) Carbon disulfide	2.31	76	53280	8.841 ug/L	100
15) Methyl Acetate	2.46	43	22077	10.341 ug/L	99
16) Methylene chloride	2.52	84	24687	10.512 ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	20710	9.805 ug/L	100
18) Methyl tert-butyl Ether	2.79	73	70016	9.983 ug/L	99
19) 1,1-Dichloroethane	3.21	63	42914	10.930 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	22707	9.404 ug/L	93
22) 2-Butanone	4.02	43	28343	19.594 ug/L	99
23) Bromochloromethane	4.28	128	12271	10.069 ug/L	89
25) Chloroform	4.40	83	45014	10.546 ug/L	95
27) 1,2-Dichloroethane	5.16	62	35160	10.845 ug/L	99
29) Cyclohexane	4.70	56	34577	9.437 ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	39597	10.092 ug/L	99
31) Carbon tetrachloride	4.85	117	33171	9.916 ug/L	99
33) Benzene	5.12	78	87813	9.721 ug/L	100
34) Trichloroethene	5.94	95	22861	9.601 ug/L	96
35) Methylcyclohexane	6.15	83	34507	8.884 ug/L	99
37) 1,2-Dichloropropane	6.20	63	24162	10.720 ug/L	99
38) Bromodichloromethane	6.53	83	31378	9.686 ug/L	95
39) cis-1,3-Dichloropropene	7.05	75	32536	8.724 ug/L	95
40) 4-Methyl-2-pentanone	7.26	43	59080	18.902 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	92636	9.272	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	33781	9.244	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	22168	9.574	ug/L	98
46) Tetrachloroethene	8.00	164	17903	10.400	ug/L	94
48) 2-Hexanone	8.17	43	42563	18.048	ug/L	99
49) Dibromochloromethane	8.27	129	21401	8.439	ug/L	98
50) 1,2-Dibromoethane	8.37	107	22399	9.135	ug/L	100
51) Chlorobenzene	8.90	112	60997	9.343	ug/L	100
52) Ethylbenzene	9.03	91	101792	9.078	ug/L	100
53) m,p-Xylene	9.16	106	38447	8.961	ug/L	97
54) o-xylene	9.56	106	36696	8.565	ug/L	100
55) Styrene	9.58	104	61838	8.594	ug/L	98
56) Isopropylbenzene	9.95	105	97668	8.743	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	33573	9.047	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	28287	9.523	ug/L	100
61) Bromoform	9.75	173	12383	7.718	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	46053	9.444	ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	46555	9.371	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	47491	9.579	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	6895	7.276	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	30614	9.400	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	26648	8.961	ug/L	98
69) Naphthalene	13.53	128	75182	6.863	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	27824	9.075	ug/L	99

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

