

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016430.D
 Acq On : 02 Jun 2020 16:18
 Operator : SY/MD
 Sample : VSTD01063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01063

Quant Time: Jun 03 00:17:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 03 00:15:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	393141	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	380162	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	188504	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27315	9.57	ug/L	0.00
7) Chloroethane-d5	1.58	69	20968	8.59	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	51148	9.67	ug/L	0.00
21) 2-Butanone-d5	3.94	46	35975	21.16	ug/L	0.02
24) Chloroform-d	4.38	84	52230	9.59	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	35295	9.55	ug/L	0.00
32) Benzene-d6	5.08	84	101616	9.72	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	32166	9.76	ug/L	0.00
41) Toluene-d8	7.34	98	91864	9.50	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	14300	8.76	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	25692	22.99	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	43322	10.32	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	36049	9.75	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	34449	11.298	ug/L 99
3) Chloromethane	1.25	50	33933	10.805	ug/L 95
5) Vinyl chloride	1.32	62	32194	10.606	ug/L 98
6) Bromomethane	1.53	94	16756	9.384	ug/L 97
8) Chloroethane	1.60	64	18997	9.754	ug/L 100
9) Trichlorofluoromethane	1.77	101	46129	11.203	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	24984	10.187	ug/L 99
12) 1,1-Dichloroethene	2.14	96	22790	9.986	ug/L 96
13) Acetone	2.21	43	38377	23.317	ug/L 95
14) Carbon disulfide	2.31	76	75743	11.263	ug/L 98
15) Methyl Acetate	2.46	43	31524	11.285	ug/L 98
16) Methylene chloride	2.53	84	33222	11.273	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	28946	11.282	ug/L 95
18) Methyl tert-butyl Ether	2.79	73	88029	10.244	ug/L 98
19) 1,1-Dichloroethane	3.22	63	53519	10.417	ug/L 97
20) cis-1,2-Dichloroethene	3.94	96	30794	10.905	ug/L 93
22) 2-Butanone	4.02	43	40829	21.911	ug/L 97
23) Bromochloromethane	4.28	128	15757	10.631	ug/L 96
25) Chloroform	4.41	83	55993	10.435	ug/L 93
27) 1,2-Dichloroethane	5.16	62	46450	10.761	ug/L 99
29) Cyclohexane	4.71	56	45154	10.424	ug/L 99
30) 1,1,1-Trichloroethane	4.64	97	47780	10.156	ug/L 98
31) Carbon tetrachloride	4.86	117	40864	10.294	ug/L 98
33) Benzene	5.13	78	116722	10.816	ug/L 100
34) Trichloroethene	5.94	95	30525	10.967	ug/L 99
35) Methylcyclohexane	6.16	83	41683	9.730	ug/L 100
37) 1,2-Dichloropropane	6.20	63	30001	10.391	ug/L 99
38) Bromodichloromethane	6.53	83	38289	9.929	ug/L 99
39) cis-1,3-Dichloropropene	7.05	75	39644	9.127	ug/L 98
40) 4-Methyl-2-pentanone	7.25	43	79457	21.693	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	123084	10.663	ug/L	97
44) trans-1,3-Dichloropropene	7.68	75	39525	9.168	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	29984	11.154	ug/L	98
46) Tetrachloroethene	8.00	164	23930	11.154	ug/L	97
48) 2-Hexanone	8.16	43	64344	23.189	ug/L	98
49) Dibromochloromethane	8.27	129	26670	9.557	ug/L	94
50) 1,2-Dibromoethane	8.37	107	30439	10.902	ug/L #	99
51) Chlorobenzene	8.90	112	82716	11.005	ug/L	99
52) Ethylbenzene	9.04	91	131505	10.155	ug/L	98
53) m,p-Xylene	9.16	106	50230	10.392	ug/L	99
54) o-xylene	9.57	106	48073	10.213	ug/L	96
55) Styrene	9.58	104	83814	10.370	ug/L	96
56) Isopropylbenzene	9.95	105	122970	9.897	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	47454	11.271	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	38686	11.233	ug/L	99
61) Bromoform	9.75	173	14213	8.291	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	61809	10.724	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	64504	10.927	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	61693	10.582	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	9220	10.341	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	39285	9.940	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	34888	9.832	ug/L	95
69) Naphthalene	13.53	128	110372	10.699	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	34343	9.687	ug/L	99

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

