

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051820\
 Data File : VV016096.D
 Acq On : 18 May 2020 12:47
 Operator : SY/MD
 Sample : VSTD05063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05063

Quant Time: May 19 03:16:57 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	341704	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	335040	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	172480	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	116825	39.37	ug/L	0.00
7) Chloroethane-d5	1.58	69	103670	40.56	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	221688	41.47	ug/L	0.00
21) 2-Butanone-d5	3.93	46	153986	95.02	ug/L	0.00
24) Chloroform-d	4.38	84	217745	43.67	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	157460	49.30	ug/L	0.00
32) Benzene-d6	5.08	84	450148	43.77	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	140006	45.93	ug/L	0.00
41) Toluene-d8	7.34	98	425806	43.52	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	74185	44.28	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	100907	75.65	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	178493	42.04	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	163536	42.22	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	120181	40.451	ug/L 100
3) Chloromethane	1.25	50	125821	44.158	ug/L 100
5) Vinyl chloride	1.32	62	121635	41.151	ug/L 100
6) Bromomethane	1.53	94	74723	38.876	ug/L 100
8) Chloroethane	1.60	64	85218	41.692	ug/L 100
9) Trichlorofluoromethane	1.77	101	170426	31.989	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	99403	40.047	ug/L 100
12) 1,1-Dichloroethene	2.14	96	90259	38.758	ug/L 100
13) Acetone	2.22	43	126650	114.421	ug/L 100
14) Carbon disulfide	2.31	76	270356	41.393	ug/L 100
15) Methyl Acetate	2.46	43	112834	48.768	ug/L 100
16) Methylene chloride	2.53	84	116319	45.701	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	102218	44.653	ug/L 100
18) Methyl tert-butyl Ether	2.79	73	356434	46.890	ug/L 100
19) 1,1-Dichloroethane	3.22	63	209660	49.270	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	116043	44.345	ug/L 100
22) 2-Butanone	4.02	43	162327	103.546	ug/L 100
23) Bromochloromethane	4.28	128	58316	44.152	ug/L 100
25) Chloroform	4.41	83	229083	49.523	ug/L 100
27) 1,2-Dichloroethane	5.16	62	180685	51.421	ug/L 100
29) Cyclohexane	4.71	56	184577	46.459	ug/L 100
30) 1,1,1-Trichloroethane	4.64	97	194225	45.651	ug/L 100
31) Carbon tetrachloride	4.86	117	165129	45.522	ug/L 100
33) Benzene	5.13	78	449738	45.914	ug/L 100
34) Trichloroethene	5.94	95	114825	44.471	ug/L 100
35) Methylcyclohexane	6.16	83	181231	43.030	ug/L 100
37) 1,2-Dichloropropane	6.20	63	122535	50.138	ug/L 100
38) Bromodichloromethane	6.53	83	160320	45.642	ug/L 100
39) cis-1,3-Dichloropropene	7.05	75	186026	46.003	ug/L 100
40) 4-Methyl-2-pentanone	7.25	43	318897	94.093	ug/L 100

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42) Toluene	7.41	91	489769	45.211	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	190831	48.158	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	110852	44.153	ug/L	100
46) Tetrachloroethene	8.00	164	87173	46.702	ug/L	100
48) 2-Hexanone	8.16	43	246228	96.289	ug/L	100
49) Dibromochloromethane	8.27	129	121285	44.104	ug/L	100
50) 1,2-Dibromoethane	8.38	107	115471	43.429	ug/L	100
51) Chlorobenzene	8.90	112	315562	44.578	ug/L	100
52) Ethylbenzene	9.04	91	554565	45.612	ug/L	100
53) m,p-Xylene	9.16	106	209269	44.982	ug/L	100
54) o-xylene	9.57	106	204313	43.977	ug/L	100
55) Styrene	9.58	104	359884	46.124	ug/L	100
56) Isopropylbenzene	9.95	105	550940	45.483	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	174314	43.322	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	143543	44.568	ug/L	100
61) Bromoform	9.75	173	80613	43.163	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	252077	44.408	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	256915	44.426	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	249360	43.211	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	39054	35.404	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	175261	46.229	ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	160992	46.506	ug/L	100
69) Naphthalene	13.52	128	495532	38.863	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	165488	46.370	ug/L	100

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

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