

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032320\
 Data File : VV015107.D
 Acq On : 24 Mar 2020 00:22
 Operator : SY/MD
 Sample : VSTD10063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10063

Quant Time: Mar 24 01:59:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 24 01:56:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	777513	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	744035	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	359583	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	697101	159.66	ug/L	0.00
7) Chloroethane-d5	1.58	69	588688	169.16	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	1192499	161.13	ug/L	0.00
21) 2-Butanone-d5	3.93	46	961860	330.19	ug/L	0.00
24) Chloroform-d	4.38	84	1068282	110.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	680072	111.30	ug/L	0.00
32) Benzene-d6	5.08	84	2189855	117.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	708143	125.98	ug/L	0.00
41) Toluene-d8	7.34	98	2048648	111.09	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	375440	126.66	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	720255	273.34	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	1003658	121.44	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	767166	103.39	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	577924	89.694	ug/L 100
3) Chloromethane	1.25	50	749218	146.933	ug/L 99
5) Vinyl chloride	1.32	62	724162	146.679	ug/L 98
6) Bromomethane	1.53	94	453963	143.231	ug/L 100
8) Chloroethane	1.60	64	485849	165.792	ug/L 99
9) Trichlorofluoromethane	1.77	101	932511	125.594	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	456905	127.564	ug/L 99
12) 1,1-Dichloroethene	2.13	96	482545	139.472	ug/L 99
13) Acetone	2.22	43	582054	263.885	ug/L 99
14) Carbon disulfide	2.31	76	1280589	111.708	ug/L 100
15) Methyl Acetate	2.46	43	675226	164.275	ug/L 99
16) Methylene chloride	2.52	84	582764	113.345	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	490951	103.424	ug/L 99
18) Methyl tert-butyl Ether	2.79	73	1884367	122.427	ug/L 100
19) 1,1-Dichloroethane	3.21	63	1006164	118.685	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	595992	110.889	ug/L # 100
22) 2-Butanone	4.02	43	968526	302.009	ug/L 95
23) Bromochloromethane	4.28	128	289404	100.946	ug/L 99
25) Chloroform	4.41	83	1000639	108.164	ug/L 100
27) 1,2-Dichloroethane	5.16	62	809327	115.989	ug/L 99
29) Cyclohexane	4.70	56	798767	115.214	ug/L 100
30) 1,1,1-Trichloroethane	4.64	97	835371	103.962	ug/L 99
31) Carbon tetrachloride	4.86	117	715809	100.166	ug/L 100
33) Benzene	5.13	78	2204544	117.232	ug/L 100
34) Trichloroethene	5.94	95	534187	106.985	ug/L 99
35) Methylcyclohexane	6.16	83	788692	100.345	ug/L 99
37) 1,2-Dichloropropane	6.20	63	593791	126.491	ug/L 100
38) Bromodichloromethane	6.53	83	809696	120.120	ug/L 99
39) cis-1,3-Dichloropropene	7.05	75	961085	123.817	ug/L 100
40) 4-Methyl-2-pentanone	7.25	43	1995176	293.590	ug/L 99

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42) Toluene	7.41	91	2356983	112.426	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	898310	127.777	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	562035	113.900	ug/L	99
46) Tetrachloroethene	8.00	164	375036	83.753	ug/L	99
48) 2-Hexanone	8.16	43	1592997	311.667	ug/L	100
49) Dibromochloromethane	8.27	129	663621	115.832	ug/L	99
50) 1,2-Dibromoethane	8.37	107	614393	112.193	ug/L	100
51) Chlorobenzene	8.90	112	1515968	104.302	ug/L	99
52) Ethylbenzene	9.03	91	2603711	109.707	ug/L	99
53) m,p-Xylene	9.16	106	993551	108.111	ug/L	98
54) o-xylene	9.57	106	1009249	110.386	ug/L	99
55) Styrene	9.58	104	1785961	115.418	ug/L	98
56) Isopropylbenzene	9.95	105	2517878	106.706	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	973558	119.684	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	792298	122.536	ug/L	99
61) Bromoform	9.75	173	473130	126.024	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	1148582	105.767	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	1161693	102.652	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	1191754	102.611	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	259328	143.461	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	810279	96.690	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	774771	99.316	ug/L	100
69) Naphthalene	13.53	128	1509368	135.210	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	798598	104.312	ug/L	99

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

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