

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102920\
 Data File : VV019150.D
 Acq On : 29 Oct 2020 15:40
 Operator : SY/MD
 Sample : VSTD20066
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20066

Quant Time: Oct 29 15:00:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 29 15:07:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	250841	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	243623	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	139450	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	382854	172.09	ug/L	0.00
7) Chloroethane-d5	1.58	69	293799	165.41	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	736011	176.55	ug/L	0.00
21) 2-Butanone-d5	3.90	46	505498	342.77	ug/L	0.00
24) Chloroform-d	4.37	84	740526	188.11	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	507563	190.98	ug/L	0.00
32) Benzene-d6	5.07	84	1373659	187.48	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	408583	174.84	ug/L	0.00
41) Toluene-d8	7.34	98	1323534	199.77	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	252647	205.15	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	394279	388.18	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	550758	175.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	564010	192.63	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	417273	209.463	ug/L	99
3) Chloromethane	1.25	50	374301	161.383	ug/L	98
5) Vinyl chloride	1.32	62	391964	169.399	ug/L	99
6) Bromomethane	1.53	94	257740	190.020	ug/L	98
8) Chloroethane	1.60	64	243145	168.178	ug/L	99
9) Trichlorofluoromethane	1.76	101	661822	207.774	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	311514	188.106	ug/L	99
12) 1,1-Dichloroethene	2.13	96	306794	185.599	ug/L	99
13) Acetone	2.19	43	370112	354.360	ug/L	99
14) Carbon disulfide	2.31	76	988550	182.603	ug/L	100
15) Methyl Acetate	2.44	43	354348	169.849	ug/L	99
16) Methylene chloride	2.52	84	343756	179.892	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	338375	193.519	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	1161889	204.324	ug/L	99
19) 1,1-Dichloroethane	3.21	63	618758	177.562	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	370536	197.119	ug/L	98
22) 2-Butanone	3.99	43	507633	366.670	ug/L	95
23) Bromochloromethane	4.27	128	196467	204.141	ug/L	99
25) Chloroform	4.40	83	666401	191.010	ug/L	99
27) 1,2-Dichloroethane	5.15	62	576204	198.691	ug/L	100
29) Cyclohexane	4.70	56	541673	191.397	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	639484	208.852	ug/L	100
31) Carbon tetrachloride	4.85	117	573180	213.310	ug/L	100
33) Benzene	5.12	78	1370626	187.829	ug/L	100
34) Trichloroethene	5.94	95	367490	195.824	ug/L	99
35) Methylcyclohexane	6.15	83	515575	201.325	ug/L	99
37) 1,2-Dichloropropane	6.20	63	343915	173.590	ug/L	100
38) Bromodichloromethane	6.53	83	514865	199.653	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	606851	203.123	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	998869	374.653	ug/L	99

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42) Toluene	7.41	91	1527476	201.008	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	629900	211.491	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	340596	189.993	ug/L	99
46) Tetrachloroethene	8.00	164	317914	216.239	ug/L	99
48) 2-Hexanone	8.16	43	780370	379.294	ug/L	99
49) Dibromochloromethane	8.27	129	431768	217.367	ug/L	99
50) 1,2-Dibromoethane	8.37	107	371635	198.685	ug/L	100
51) Chlorobenzene	8.90	112	980820	200.262	ug/L	99
52) Ethylbenzene	9.03	91	1705940	207.492	ug/L	100
53) m,p-Xylene	9.16	106	644501	212.593	ug/L	99
54) o-xylene	9.56	106	626242	214.591	ug/L	100
55) Styrene	9.58	104	1123593	217.170	ug/L	99
56) Isopropylbenzene	9.95	105	1678100	217.595	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	524598	180.957	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	439438	186.844	ug/L	99
61) Bromoform	9.75	173	342072	216.435	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	840047	200.571	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	852411	194.716	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	834803	197.844	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	147604	200.975	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	619256	211.959	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	609852	221.730	ug/L	99
69) Naphthalene	13.52	128	1869886	226.153	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	593043	214.531	ug/L	100

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

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