

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021720\
 Data File : VV014591.D
 Acq On : 17 Feb 2020 12:50
 Operator : SY/MD
 Sample : VSTD20065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200206

Quant Time: Feb 18 05:49:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM021720W.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 18 05:45:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	292328	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	280592	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	146124	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	204168	141.05	ug/L	0.00
7) Chloroethane-d5	1.57	69	151493	149.21	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	361598	159.38	ug/L	0.00
21) 2-Butanone-d5	3.92	46	421869	365.27	ug/L	0.00
24) Chloroform-d	4.40	84	682309	194.79	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	427646	198.64	ug/L	0.00
32) Benzene-d6	5.10	84	1309826	176.32	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	394181	173.98	ug/L	0.00
41) Toluene-d8	7.36	98	1250140	181.97	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	235968	192.37	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	352282	368.77	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.25	84	561568	187.86	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	502197	184.00	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	398206	176.140	ug/L	99
3) Chloromethane	1.25	50	318027	144.399	ug/L	98
5) Vinyl chloride	1.33	62	256367	151.215	ug/L	98
6) Bromomethane	1.52	94	135171	168.522	ug/L	97
8) Chloroethane	1.59	64	126673	149.928	ug/L	97
9) Trichlorofluoromethane	1.77	101	461107	191.599	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	188790	167.526	ug/L	98
12) 1,1-Dichloroethene	2.14	96	173609	161.142	ug/L	92
13) Acetone	2.18	43	277287	280.718	ug/L	99
14) Carbon disulfide	2.32	76	838994	162.123	ug/L	99
15) Methyl Acetate	2.45	43	315581	169.382	ug/L	98
16) Methylene chloride	2.53	84	363956	175.226	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	338896	176.422	ug/L	100
18) Methyl tert-butyl Ether	2.80	73	1147387	187.172	ug/L	99
19) 1,1-Dichloroethane	3.23	63	611724	178.092	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	403812	186.087	ug/L	98
22) 2-Butanone	4.00	43	519441	358.918	ug/L	98
23) Bromochloromethane	4.29	128	203777	196.279	ug/L	97
25) Chloroform	4.42	83	679907	191.640	ug/L	100
27) 1,2-Dichloroethane	5.17	62	529613	200.570	ug/L	99
29) Cyclohexane	4.72	56	525408	160.655	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	626523	197.979	ug/L	99
31) Carbon tetrachloride	4.87	117	565801	201.620	ug/L	99
33) Benzene	5.14	78	1408028	176.351	ug/L	100
34) Trichloroethene	5.96	95	389646	182.700	ug/L	99
35) Methylcyclohexane	6.17	83	593067	171.907	ug/L	99
37) 1,2-Dichloropropane	6.22	63	351130	173.590	ug/L	100
38) Bromodichloromethane	6.55	83	546295	196.931	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	658333	192.292	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	904891	349.175	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1547440	179.448	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	595067	193.792	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	370825	187.343	ug/L	98
46) Tetrachloroethene	8.02	164	306616	188.202	ug/L	98
48) 2-Hexanone	8.18	43	727480	366.623	ug/L	99
49) Dibromochloromethane	8.29	129	465196	205.546	ug/L	100
50) 1,2-Dibromoethane	8.39	107	411706	192.314	ug/L	100
51) Chlorobenzene	8.92	112	1041113	183.815	ug/L	99
52) Ethylbenzene	9.05	91	1775988	183.325	ug/L	100
53) m,p-Xylene	9.18	106	686276	183.688	ug/L	99
54) o-Xylene	9.58	106	653837	182.611	ug/L	99
55) Styrene	9.60	104	1137075	186.127	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.28	83	591602	191.127	ug/L	99
59) Bromoform	9.77	173	336092	207.196	ug/L	99
60) Isopropylbenzene	9.97	105	1761527	181.097	ug/L	100
61) 1,2,3-Trichloropropane	10.31	75	473238	185.857	ug/L	99
62) 1,3,5-Trimethylbenzene	10.58	105	1557628	187.415	ug/L	99
63) 1,2,4-Trimethylbenzene	10.95	105	1535675	187.665	ug/L	100
64) 1,3-Dichlorobenzene	11.22	146	855930	186.339	ug/L	98
65) 1,4-Dichlorobenzene	11.31	146	868964	184.077	ug/L	99
67) 1,2-Dichlorobenzene	11.68	146	826899	184.845	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.47	75	149588	208.138	ug/L	98
69) 1,3,5-Trichlorobenzene	12.69	180	631622	194.436	ug/L	99
70) 1,2,4-trichlorobenzene	13.30	180	597421	200.922	ug/L	99
71) Naphthalene	13.54	128	1912850	196.439	ug/L	100
72) 1,2,3-Trichlorobenzene	13.79	180	575987	198.804	ug/L	100

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

