

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021720\
 Data File : VV014590.D
 Acq On : 17 Feb 2020 12:27
 Operator : SY/MD
 Sample : VSTD10064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100205

Quant Time: Feb 18 05:49:04 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	299099	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	282339	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	141957	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102079	68.92	ug/L	0.00
7) Chloroethane-d5	1.58	69	76411	73.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	182690	78.70	ug/L	0.00
21) 2-Butanone-d5	3.92	46	207352	175.47	ug/L	0.00
24) Chloroform-d	4.40	84	341387	95.25	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	215526	97.84	ug/L	0.00
32) Benzene-d6	5.10	84	667838	89.34	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	202648	88.89	ug/L	0.00
41) Toluene-d8	7.35	98	639304	92.48	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	118064	95.65	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	168712	175.52	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.25	84	281540	93.60	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	247955	93.52	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	198919	85.997	ug/L	100
3) Chloromethane	1.26	50	154755	68.675	ug/L	97
5) Vinyl chloride	1.32	62	125203	72.178	ug/L	99
6) Bromomethane	1.53	94	69107	84.207	ug/L	97
8) Chloroethane	1.60	64	63355	73.289	ug/L	98
9) Trichlorofluoromethane	1.77	101	231310	93.938	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	94976	82.371	ug/L	97
12) 1,1-Dichloroethene	2.14	96	88581	80.359	ug/L	96
13) Acetone	2.18	43	149883	148.302	ug/L	96
14) Carbon disulfide	2.32	76	416604	78.680	ug/L	100
15) Methyl Acetate	2.45	43	154237	80.910	ug/L	98
16) Methylene chloride	2.54	84	180924	85.133	ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	172866	87.953	ug/L	100
18) Methyl tert-butyl Ether	2.80	73	574492	91.595	ug/L	99
19) 1,1-Dichloroethane	3.23	63	307493	87.494	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	203200	91.520	ug/L	98
22) 2-Butanone	4.00	43	254520	171.884	ug/L	99
23) Bromochloromethane	4.30	128	102939	96.907	ug/L	96
25) Chloroform	4.42	83	343218	94.550	ug/L	100
27) 1,2-Dichloroethane	5.17	62	258942	95.844	ug/L	99
29) Cyclohexane	4.72	56	262469	79.759	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	312140	98.025	ug/L	100
31) Carbon tetrachloride	4.87	117	278226	98.531	ug/L	99
33) Benzene	5.14	78	708137	88.143	ug/L	100
34) Trichloroethene	5.95	95	192537	89.720	ug/L	98
35) Methylcyclohexane	6.17	83	297284	85.638	ug/L	99
37) 1,2-Dichloropropane	6.22	63	177591	87.253	ug/L	99
38) Bromodichloromethane	6.55	83	269731	96.632	ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	316139	91.770	ug/L	99
40) 4-Methyl-2-pentanone	7.26	43	441345	169.250	ug/L	100

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42) Toluene	7.43	91	776899	89.535	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	290970	94.172	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	186653	93.715	ug/L	97
46) Tetrachloroethene	8.02	164	153184	93.443	ug/L	98
48) 2-Hexanone	8.17	43	352588	176.592	ug/L	98
49) Dibromochloromethane	8.29	129	226305	99.374	ug/L	98
50) 1,2-Dibromoethane	8.39	107	205170	95.245	ug/L	98
51) Chlorobenzene	8.92	112	523703	91.891	ug/L	99
52) Ethylbenzene	9.05	91	896637	91.982	ug/L	99
53) m,p-Xylene	9.18	106	346447	92.156	ug/L	97
54) o-Xylene	9.58	106	333132	92.465	ug/L	99
55) Styrene	9.60	104	574955	93.532	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.28	83	292576	93.937	ug/L	99
59) Bromoform	9.77	173	161830	102.695	ug/L	100
60) Isopropylbenzene	9.97	105	884929	93.647	ug/L	100
61) 1,2,3-Trichloropropane	10.31	75	232188	93.865	ug/L	99
62) 1,3,5-Trimethylbenzene	10.58	105	770780	95.463	ug/L	99
63) 1,2,4-Trimethylbenzene	10.95	105	759843	95.581	ug/L	100
64) 1,3-Dichlorobenzene	11.22	146	416333	93.298	ug/L	98
65) 1,4-Dichlorobenzene	11.31	146	431224	94.030	ug/L	100
67) 1,2-Dichlorobenzene	11.68	146	411527	94.693	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.47	75	69362	99.344	ug/L	97
69) 1,3,5-Trichlorobenzene	12.68	180	306597	97.152	ug/L	99
70) 1,2,4-trichlorobenzene	13.30	180	284940	98.643	ug/L	100
71) Naphthalene	13.54	128	919966	97.249	ug/L	100
72) 1,2,3-Trichlorobenzene	13.79	180	278725	99.027	ug/L	100

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

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