

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111419\
 Data File : VY000676.D
 Acq On : 14 Nov 2019 13:00
 Operator : SY/MD
 Sample : VSTD10077
 Misc : 5ML/MSVOA Y/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD10077

Quant Time: Nov 15 09:55:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOMYLM111419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 09:51:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	361803	50.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	345706	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	170063	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	293550	103.29	ug/L	0.00
7) Chloroethane-d5	2.76	69	240647	103.38	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.85	63	503483	114.99	ug/L	0.00
21) 2-Butanone-d5	6.91	46	223807	99.82	ug/L	0.00
24) Chloroform-d	7.49	84	430275	105.05	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.15	65	289045	100.03	ug/L	0.00
32) Benzene-d6	8.11	84	948128	98.07	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.13	67	294176	98.63	ug/L	0.00
41) Toluene-d8	10.18	98	885021	98.86	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.44	79	153208	102.65	ug/L	0.00
47) 2-Hexanone-d5	10.79	63	191655	108.97	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.56	84	374884	106.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.72	152	322822	98.11	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	206808	100.100	ug/L	99
3) Chloromethane	2.11	50	275798	100.375	ug/L	98
5) Vinyl chloride	2.25	62	280201	101.705	ug/L	97
6) Bromomethane	2.65	94	159086	100.443	ug/L	96
8) Chloroethane	2.79	64	169042	97.763	ug/L	99
9) Trichlorofluoromethane	3.13	101	403302	99.158	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	3.90	101	218868	96.565	ug/L	98
12) 1,1-Dichloroethene	3.86	96	219923	96.839	ug/L #	80
13) Acetone	3.96	43	166255	102.991	ug/L	97
14) Carbon disulfide	4.19	76	627054	100.101	ug/L	100
15) Methyl Acetate	4.48	43	206392	101.745	ug/L	99
16) Methylene chloride	4.71	84	234351	96.510	ug/L	94
17) trans-1,2-Dichloroethene	5.22	96	229620	96.828	ug/L	97
18) Methyl tert-butyl Ether	5.23	73	716374	100.355	ug/L	100
19) 1,1-Dichloroethane	6.02	63	416648	97.746	ug/L	98
20) cis-1,2-Dichloroethene	6.99	96	260295	97.930	ug/L	100
22) 2-Butanone	7.00	43	275886	108.613	ug/L	98
23) Bromochloromethane	7.34	128	120430	98.285	ug/L	91
25) Chloroform	7.52	83	458322	93.911	ug/L	92
27) 1,2-Dichloroethane	8.24	62	330434	99.150	ug/L	100
29) Cyclohexane	7.79	56	396034	98.146	ug/L	99
30) 1,1,1-Trichloroethane	7.71	97	371529	98.385	ug/L	99
31) Carbon tetrachloride	7.91	117	328433	97.140	ug/L	98
33) Benzene	8.16	78	986919	95.836	ug/L	100
34) Trichloroethene	8.94	95	245132	94.801	ug/L	97
35) Methylcyclohexane	9.18	83	421178	98.668	ug/L	98
37) 1,2-Dichloropropane	9.22	63	249185	97.548	ug/L	99
38) Bromodichloromethane	9.50	83	336686	98.112	ug/L	95
39) cis-1,3-Dichloropropene	9.93	75	429697	98.998	ug/L	99
40) 4-Methyl-2-pentanone	10.07	43	618822	105.585	ug/L	99

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42) Toluene	10.24	91	1069525	98.119	ug/L	98
44) trans-1,3-Dichloropropene	10.47	75	391841	103.104	ug/L	99
45) 1,1,2-Trichloroethane	10.64	97	231366	95.463	ug/L	96
46) Tetrachloroethene	10.72	164	191781	95.857	ug/L	99
48) 2-Hexanone	10.83	43	457653	108.152	ug/L	99
49) Dibromochloromethane	10.99	129	265641	101.190	ug/L	99
50) 1,2-Dibromoethane	11.09	107	241194	99.432	ug/L #	97
51) Chlorobenzene	11.52	112	687175	97.851	ug/L	97
52) Ethylbenzene	11.59	91	1238737	99.581	ug/L	99
53) m,p-Xylene	11.70	106	467982	97.809	ug/L	97
54) o-xylene	12.03	106	465621	99.265	ug/L	100
55) Styrene	12.04	104	821695	103.096	ug/L	99
56) Isopropylbenzene	12.33	105	1215104	101.209	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.58	83	354714	103.467	ug/L	98
59) 1,2,3-Trichloropropane	12.63	75	277379	102.260	ug/L	100
61) Bromoform	12.20	173	180837	105.031	ug/L	96
62) 1,3-Dichlorobenzene	13.36	146	532270	99.798	ug/L	97
63) 1,4-Dichlorobenzene	13.44	146	536957	98.271	ug/L	97
65) 1,2-Dichlorobenzene	13.73	146	510624	97.196	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.36	75	66126	104.195	ug/L	92
67) 1,3,5-Trichlorobenzene	14.50	180	355238	95.436	ug/L	97
68) 1,2,4-trichlorobenzene	15.00	180	338519	96.944	ug/L	99
69) Naphthalene	15.23	128	1058233	101.422	ug/L	99
70) 1,2,3-Trichlorobenzene	15.42	180	329032	97.903	ug/L	99

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

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