

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015264.D
 Acq On : 30 Mar 2020 10:09
 Operator : SY/MD
 Sample : VSTD10006
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10006

Quant Time: Mar 30 13:28:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 30 13:18:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	723284	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	729769	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	347078	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	506539	96.05	ug/L	0.00
7) Chloroethane-d5	1.58	69	470042	95.78	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	1102780	96.97	ug/L	0.00
21) 2-Butanone-d5	3.93	46	696262	201.76	ug/L	0.00
24) Chloroform-d	4.38	84	924793	97.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	599763	96.78	ug/L	0.00
32) Benzene-d6	5.08	84	1832777	96.21	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	565442	94.92	ug/L	0.00
41) Toluene-d8	7.34	98	1795445	97.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	316801	97.65	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	550397	196.93	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	844936	96.10	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	661928	95.82	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	488953	96.091 ug/L	98
3) Chloromethane	1.25	50	568276	98.342 ug/L	99
5) Vinyl chloride	1.32	62	605341	99.297 ug/L	97
6) Bromomethane	1.53	94	399301	97.912 ug/L	97
8) Chloroethane	1.60	64	396074	94.216 ug/L	98
9) Trichlorofluoromethane	1.77	101	1057024	102.576 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	524008	94.830 ug/L	98
12) 1,1-Dichloroethene	2.13	96	515284	96.327 ug/L	86
13) Acetone	2.22	43	443544	190.677 ug/L	96
14) Carbon disulfide	2.31	76	1264143	97.111 ug/L	100
15) Methyl Acetate	2.46	43	479783	101.528 ug/L	99
16) Methylene chloride	2.52	84	487689	97.446 ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	441581	98.508 ug/L	98
18) Methyl tert-butyl Ether	2.79	73	1548763	101.473 ug/L	100
19) 1,1-Dichloroethane	3.21	63	840541	100.573 ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	510174	101.244 ug/L	# 97
22) 2-Butanone	4.02	43	710681	200.814 ug/L	95
23) Bromochloromethane	4.28	128	254735	102.613 ug/L	95
25) Chloroform	4.41	83	888012	99.515 ug/L	98
27) 1,2-Dichloroethane	5.16	62	711583	100.261 ug/L	100
29) Cyclohexane	4.70	56	732232	94.669 ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	814920	98.487 ug/L	99
31) Carbon tetrachloride	4.86	117	697675	99.531 ug/L	100
33) Benzene	5.13	78	1944423	100.648 ug/L	100
34) Trichloroethene	5.94	95	515149	99.399 ug/L	96
35) Methylcyclohexane	6.15	83	798549	98.236 ug/L	98
37) 1,2-Dichloropropane	6.20	63	498002	101.344 ug/L	100
38) Bromodichloromethane	6.53	83	711434	100.676 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	846924	102.052 ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	1448500	198.250 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	2203113	101.584	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	841223	103.162	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	506257	102.265	ug/L	99
46) Tetrachloroethene	8.00	164	351990	102.639	ug/L	96
48) 2-Hexanone	8.16	43	1139973	203.382	ug/L	99
49) Dibromochloromethane	8.27	129	571580	105.645	ug/L	99
50) 1,2-Dibromoethane	8.37	107	550165	102.284	ug/L	99
51) Chlorobenzene	8.90	112	1433116	101.534	ug/L	98
52) Ethylbenzene	9.04	91	2509418	102.607	ug/L	100
53) m,p-Xylene	9.16	106	973187	104.327	ug/L	100
54) o-xylene	9.57	106	960024	103.453	ug/L	99
55) Styrene	9.58	104	1653927	104.445	ug/L	98
56) Isopropylbenzene	9.95	105	2509374	102.727	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	824994	100.416	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	669086	98.411	ug/L	97
61) Bromoform	9.75	173	379015	109.498	ug/L	98
62) 1,3-Dichlorobenzene	11.21	146	1075776	101.630	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	1088927	100.786	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	1087240	101.785	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	231911	98.677	ug/L	92
67) 1,3,5-Trichlorobenzene	12.67	180	711054	105.249	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	673042	104.848	ug/L	99
69) Naphthalene	13.53	128	2631582	102.842	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	676458	105.001	ug/L	99

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

