

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015215.D
 Acq On : 27 Mar 2020 20:01
 Operator : SY/MD
 Sample : VSTD10066
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10066

Quant Time: Mar 28 00:30:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 00:27:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	670743	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	656923	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	319017	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	260881	75.67	ug/L	0.00
7) Chloroethane-d5	1.58	69	284207	81.03	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	689826	86.40	ug/L	0.00
21) 2-Butanone-d5	3.94	46	676640	189.38	ug/L	0.00
24) Chloroform-d	4.38	84	709696	90.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	468735	90.62	ug/L	0.00
32) Benzene-d6	5.08	84	1162814	87.59	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	435042	90.44	ug/L	0.00
41) Toluene-d8	7.34	98	1031855	86.32	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	235740	90.57	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	511261	180.15	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	768162	93.23	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	532187	90.24	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	469933	80.922	ug/L	100
3) Chloromethane	1.25	50	547937	86.725	ug/L	100
5) Vinyl chloride	1.32	62	580979	89.432	ug/L	98
6) Bromomethane	1.53	94	384896	91.710	ug/L	98
8) Chloroethane	1.60	64	368391	87.134	ug/L	98
9) Trichlorofluoromethane	1.77	101	914882	86.733	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	479247	87.597	ug/L	99
12) 1,1-Dichloroethene	2.13	96	501446	93.511	ug/L	96
13) Acetone	2.22	43	391233	158.923	ug/L #	100
14) Carbon disulfide	2.31	76	1219961	89.490	ug/L	100
15) Methyl Acetate	2.46	43	446900	88.465	ug/L	99
16) Methylene chloride	2.52	84	466612	93.114	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	421699	90.753	ug/L	98
18) Methyl tert-butyl Ether	2.79	73	1452975	92.562	ug/L	100
19) 1,1-Dichloroethane	3.21	63	790962	92.242	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	481925	92.232	ug/L #	99
22) 2-Butanone	4.02	43	657710	171.781	ug/L	87
23) Bromochloromethane	4.27	128	236480	94.182	ug/L	95
25) Chloroform	4.40	83	825858	93.102	ug/L	99
27) 1,2-Dichloroethane	5.16	62	654452	92.938	ug/L	100
29) Cyclohexane	4.70	56	683877	86.061	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	762821	92.530	ug/L	98
31) Carbon tetrachloride	4.86	117	648357	93.447	ug/L	99
33) Benzene	5.13	78	1806258	93.069	ug/L	100
34) Trichloroethene	5.94	95	477872	94.616	ug/L	98
35) Methylcyclohexane	6.15	83	708334	84.906	ug/L	99
37) 1,2-Dichloropropane	6.20	63	466035	94.100	ug/L	100
38) Bromodichloromethane	6.53	83	663379	94.267	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	766450	93.414	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	1341035	180.785	ug/L	99

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42) Toluene	7.41	91	2021997	93.519	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	757383	94.090	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	464125	95.163	ug/L	97
46) Tetrachloroethene	8.00	164	319397	94.312	ug/L	98
48) 2-Hexanone	8.16	43	1046458	179.324	ug/L	99
49) Dibromochloromethane	8.27	129	519149	96.964	ug/L	99
50) 1,2-Dibromoethane	8.37	107	497920	94.265	ug/L	98
51) Chlorobenzene	8.90	112	1312388	94.963	ug/L	99
52) Ethylbenzene	9.03	91	2323505	95.350	ug/L	99
53) m,p-Xylene	9.16	106	898121	96.726	ug/L	99
54) o-xylene	9.57	106	888614	95.135	ug/L	95
55) Styrene	9.58	104	1538230	97.493	ug/L	97
56) Isopropylbenzene	9.95	105	2317453	96.673	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	764333	93.521	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	617486	94.158	ug/L	99
61) Bromoform	9.75	173	341181	93.787	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	980154	92.685	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	991875	92.724	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	990145	92.403	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	203112	85.707	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	628978	92.939	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	598647	92.964	ug/L	99
69) Naphthalene	13.53	128	2420201	94.093	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	614102	95.380	ug/L	99

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

