

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015214.D
 Acq On : 27 Mar 2020 19:36
 Operator : SY/MD
 Sample : VSTD05065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05065

Quant Time: Mar 28 00:30:14 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	619413	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	616268	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	289644	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	128312	40.30	ug/L	0.00
7) Chloroethane-d5	1.58	69	138257	42.68	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	316028	42.86	ug/L	0.00
21) 2-Butanone-d5	3.94	46	333807	101.17	ug/L	0.00
24) Chloroform-d	4.38	84	346640	48.12	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	228881	47.91	ug/L	0.00
32) Benzene-d6	5.08	84	566430	45.48	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	207736	46.03	ug/L	0.00
41) Toluene-d8	7.34	98	502951	44.85	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	112532	46.09	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	257442	96.70	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	376464	48.70	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	253163	47.28	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	237882	44.358	ug/L	100
3) Chloromethane	1.25	50	260940	44.723	ug/L	100
5) Vinyl chloride	1.32	62	271850	45.315	ug/L	100
6) Bromomethane	1.53	94	175179	45.199	ug/L	100
8) Chloroethane	1.60	64	171542	43.937	ug/L	100
9) Trichlorofluoromethane	1.77	101	439651	45.134	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	232287	45.976	ug/L	100
12) 1,1-Dichloroethene	2.13	96	224893	45.414	ug/L	100
13) Acetone	2.22	43	174786	76.883	ug/L #	100
14) Carbon disulfide	2.31	76	555278	44.108	ug/L	100
15) Methyl Acetate	2.46	43	206569	44.279	ug/L	100
16) Methylene chloride	2.52	84	215793	46.631	ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	194510	45.329	ug/L	100
18) Methyl tert-butyl Ether	2.79	73	670994	46.288	ug/L	100
19) 1,1-Dichloroethane	3.21	63	359179	45.359	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	225638	46.762	ug/L	100
22) 2-Butanone	4.02	43	293740	83.077	ug/L	100
23) Bromochloromethane	4.28	128	106365	45.872	ug/L	100
25) Chloroform	4.41	83	383337	46.796	ug/L	100
27) 1,2-Dichloroethane	5.16	62	305100	46.917	ug/L	100
29) Cyclohexane	4.70	56	339779	45.579	ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	357419	46.215	ug/L	100
31) Carbon tetrachloride	4.86	117	301147	46.267	ug/L	100
33) Benzene	5.13	78	841803	46.236	ug/L	100
34) Trichloroethene	5.94	95	219475	46.322	ug/L	100
35) Methylcyclohexane	6.15	83	356101	45.500	ug/L	100
37) 1,2-Dichloropropane	6.20	63	212447	45.726	ug/L	100
38) Bromodichloromethane	6.53	83	301893	45.729	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	348345	45.257	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	623555	89.607	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	940883	46.388	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	346179	45.843	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	214446	46.870	ug/L	100
46) Tetrachloroethene	8.00	164	149497	47.056	ug/L	100
48) 2-Hexanone	8.16	43	479634	87.614	ug/L	100
49) Dibromochloromethane	8.27	129	234227	46.634	ug/L	100
50) 1,2-Dibromoethane	8.37	107	232793	46.979	ug/L	100
51) Chlorobenzene	8.90	112	603571	46.555	ug/L	100
52) Ethylbenzene	9.04	91	1072016	46.895	ug/L	100
53) m,p-Xylene	9.16	106	411610	47.254	ug/L	100
54) o-xylene	9.57	106	408420	46.610	ug/L	100
55) Styrene	9.58	104	695329	46.977	ug/L	100
56) Isopropylbenzene	9.95	105	1070466	47.601	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	351690	45.870	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	282976	45.997	ug/L	100
61) Bromoform	9.76	173	152187	46.077	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	441491	45.982	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	443901	45.706	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	443229	45.558	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	93656	43.528	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	281964	45.889	ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	263886	45.135	ug/L	100
69) Naphthalene	13.53	128	1054476	45.154	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	269023	46.021	ug/L	100

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

