

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015329.D
 Acq On : 01 Apr 2020 11:34
 Operator : SY/MD
 Sample : VSTD05062
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05062

Quant Time: Apr 02 01:47:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 02 01:39:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	689458	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	682451	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	326852	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	284359	46.00	ug/L	0.00
7) Chloroethane-d5	1.58	69	240122	45.47	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	513280	46.45	ug/L	0.00
21) 2-Butanone-d5	3.93	46	318656	96.52	ug/L	0.00
24) Chloroform-d	4.38	84	475587	46.60	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	295887	46.54	ug/L	0.00
32) Benzene-d6	5.07	84	934226	44.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	282079	45.52	ug/L	0.00
41) Toluene-d8	7.34	98	909226	45.24	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	153911	44.95	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	262035	92.59	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	405726	46.02	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	333854	44.90	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	302561	48.527	ug/L 100
3) Chloromethane	1.25	50	285591	48.603	ug/L 100
5) Vinyl chloride	1.32	62	293142	47.628	ug/L 100
6) Bromomethane	1.53	94	198359	48.754	ug/L 100
8) Chloroethane	1.60	64	197940	46.815	ug/L 100
9) Trichlorofluoromethane	1.76	101	565588	48.604	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	248516	47.791	ug/L 100
12) 1,1-Dichloroethene	2.13	96	241117	48.434	ug/L 100
13) Acetone	2.21	43	217240	100.725	ug/L 100
14) Carbon disulfide	2.31	76	662854	48.569	ug/L 100
15) Methyl Acetate	2.45	43	241468	50.789	ug/L 100
16) Methylene chloride	2.52	84	255464	48.952	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	229200	48.656	ug/L 100
18) Methyl tert-butyl Ether	2.79	73	767122	49.399	ug/L 100
19) 1,1-Dichloroethane	3.21	63	419237	48.915	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	261683	48.509	ug/L 100
22) 2-Butanone	4.01	43	341361	104.046	ug/L 100
23) Bromochloromethane	4.28	128	131994	48.486	ug/L 100
25) Chloroform	4.40	83	452378	48.673	ug/L 100
27) 1,2-Dichloroethane	5.16	62	342123	48.874	ug/L 100
29) Cyclohexane	4.70	56	382741	47.138	ug/L 100
30) 1,1,1-Trichloroethane	4.63	97	421454	48.059	ug/L 100
31) Carbon tetrachloride	4.85	117	363606	48.495	ug/L 100
33) Benzene	5.13	78	977861	48.410	ug/L 100
34) Trichloroethene	5.94	95	256171	47.896	ug/L 100
35) Methylcyclohexane	6.15	83	415057	47.367	ug/L 100
37) 1,2-Dichloropropane	6.20	63	244439	49.306	ug/L 100
38) Bromodichloromethane	6.53	83	354841	48.822	ug/L 100
39) cis-1,3-Dichloropropene	7.05	75	402502	48.312	ug/L 100
40) 4-Methyl-2-pentanone	7.25	43	682486	97.927	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	1093359	48.705	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	394704	48.756	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	254263	48.636	ug/L	100
46) Tetrachloroethene	8.00	164	185631	48.412	ug/L	100
48) 2-Hexanone	8.16	43	535903	101.545	ug/L	100
49) Dibromochloromethane	8.27	129	277989	48.555	ug/L	100
50) 1,2-Dibromoethane	8.37	107	276390	49.527	ug/L	100
51) Chlorobenzene	8.90	112	716242	48.681	ug/L	100
52) Ethylbenzene	9.03	91	1237395	49.109	ug/L	100
53) m,p-Xylene	9.16	106	482755	49.756	ug/L	100
54) o-xylene	9.57	106	480013	49.391	ug/L	100
55) Styrene	9.58	104	800025	49.503	ug/L	100
56) Isopropylbenzene	9.95	105	1247568	49.556	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	404319	48.173	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	325768	48.665	ug/L	100
61) Bromoform	9.75	173	180697	49.493	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	539366	49.017	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	537120	48.130	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	544441	48.510	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	105448	47.582	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	359152	49.250	ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	330363	49.596	ug/L	100
69) Naphthalene	13.53	128	1264824	49.667	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	338239	49.295	ug/L	100

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

