

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032320\
 Data File : VV015106.D
 Acq On : 23 Mar 2020 23:58
 Operator : SY/MD
 Sample : VSTD05062
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05062

Quant Time: Mar 24 01:59:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 24 01:56:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	751914	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	713429	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	339096	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	343864	81.44	ug/L	0.00
7) Chloroethane-d5	1.58	69	283925	84.37	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	578819	80.87	ug/L	0.00
21) 2-Butanone-d5	3.94	46	468389	166.26	ug/L	0.00
24) Chloroform-d	4.38	84	528811	56.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	337120	57.05	ug/L	0.00
32) Benzene-d6	5.08	84	1065106	59.59	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	346359	64.26	ug/L	0.00
41) Toluene-d8	7.34	98	994696	56.25	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	183946	64.72	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	348592	137.97	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	484377	61.12	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	369105	52.75	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	283715	45.532	ug/L 100
3) Chloromethane	1.25	50	367395	74.505	ug/L 100
5) Vinyl chloride	1.32	62	355092	74.373	ug/L 100
6) Bromomethane	1.53	94	219435	71.592	ug/L 100
8) Chloroethane	1.60	64	259498	91.566	ug/L 100
9) Trichlorofluoromethane	1.77	101	464076	64.631	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	228211	65.884	ug/L 100
12) 1,1-Dichloroethene	2.13	96	238318	71.227	ug/L 100
13) Acetone	2.22	43	272486	127.742	ug/L 100
14) Carbon disulfide	2.31	76	626275	56.491	ug/L 100
15) Methyl Acetate	2.46	43	328078	82.535	ug/L 100
16) Methylene chloride	2.52	84	285113	57.341	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	239323	52.132	ug/L 100
18) Methyl tert-butyl Ether	2.79	73	927439	62.307	ug/L 100
19) 1,1-Dichloroethane	3.21	63	495696	60.462	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	289905	55.775	ug/L 100
22) 2-Butanone	4.02	43	474264	152.922	ug/L 100
23) Bromochloromethane	4.28	128	141200	50.928	ug/L 100
25) Chloroform	4.41	83	493805	55.195	ug/L 100
27) 1,2-Dichloroethane	5.16	62	387596	57.440	ug/L 100
29) Cyclohexane	4.70	56	398165	59.895	ug/L 100
30) 1,1,1-Trichloroethane	4.64	97	409374	53.132	ug/L 100
31) Carbon tetrachloride	4.86	117	351805	51.342	ug/L 100
33) Benzene	5.13	78	1067842	59.221	ug/L 100
34) Trichloroethene	5.94	95	258689	54.032	ug/L 100
35) Methylcyclohexane	6.15	83	402345	53.386	ug/L 100
37) 1,2-Dichloropropane	6.20	63	287086	63.780	ug/L 100
38) Bromodichloromethane	6.53	83	401193	62.071	ug/L 100
39) cis-1,3-Dichloropropene	7.05	75	483855	65.009	ug/L 100
40) 4-Methyl-2-pentanone	7.25	43	960702	147.432	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	1155773	57.494	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	433461	64.301	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	275321	58.189	ug/L	100
46) Tetrachloroethene	8.00	164	186129	43.349	ug/L	100
48) 2-Hexanone	8.16	43	754423	153.933	ug/L	100
49) Dibromochloromethane	8.27	129	319056	58.079	ug/L	100
50) 1,2-Dibromoethane	8.37	107	297621	56.679	ug/L	100
51) Chlorobenzene	8.90	112	738264	52.974	ug/L	100
52) Ethylbenzene	9.03	91	1275760	56.060	ug/L	100
53) m,p-Xylene	9.16	106	482821	54.791	ug/L	100
54) o-xylene	9.57	106	492359	56.162	ug/L	100
55) Styrene	9.58	104	857936	57.823	ug/L	100
56) Isopropylbenzene	9.95	105	1229894	54.358	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	471599	60.463	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	380671	61.400	ug/L	100
61) Bromoform	9.75	173	227199	64.174	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	554426	54.139	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	555549	52.057	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	577987	52.772	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	125702	73.740	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	385956	48.838	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	366698	49.846	ug/L	100
69) Naphthalene	13.52	128	724040	68.778	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	377782	52.327	ug/L	100

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

