

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015269.D
 Acq On : 30 Mar 2020 12:39
 Operator : SY/MD
 Sample : VSTD05005
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05005

Quant Time: Mar 30 13:30:51 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	655942	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	653937	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	314180	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	230469	48.19	ug/L	0.00
7) Chloroethane-d5	1.58	69	217372	48.84	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	505725	49.03	ug/L	0.00
21) 2-Butanone-d5	3.94	46	321244	102.65	ug/L	0.00
24) Chloroform-d	4.38	84	424023	49.31	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	273493	48.66	ug/L	0.00
32) Benzene-d6	5.08	84	812652	47.61	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	256290	48.01	ug/L	0.00
41) Toluene-d8	7.34	98	802986	48.62	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	138056	47.49	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	250877	100.17	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	386958	49.12	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	296503	47.41	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	230941	50.045	ug/L	100
3) Chloromethane	1.25	50	268810	51.294	ug/L	100
5) Vinyl chloride	1.32	62	275499	49.831	ug/L	100
6) Bromomethane	1.53	94	188748	51.034	ug/L	100
8) Chloroethane	1.60	64	182978	47.994	ug/L	100
9) Trichlorofluoromethane	1.77	101	458680	49.081	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	250430	49.973	ug/L	100
12) 1,1-Dichloroethene	2.13	96	241103	49.699	ug/L	100
13) Acetone	2.22	43	202006	95.757	ug/L	100
14) Carbon disulfide	2.31	76	572633	48.506	ug/L	100
15) Methyl Acetate	2.46	43	222543	51.927	ug/L	100
16) Methylene chloride	2.52	84	229428	50.549	ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	196075	48.231	ug/L	100
18) Methyl tert-butyl Ether	2.79	73	707235	51.094	ug/L	100
19) 1,1-Dichloroethane	3.21	63	384197	50.690	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	226425	49.547	ug/L	100
22) 2-Butanone	4.02	43	329476	102.656	ug/L	100
23) Bromochloromethane	4.28	128	114144	50.700	ug/L	100
25) Chloroform	4.41	83	405769	50.141	ug/L	100
27) 1,2-Dichloroethane	5.16	62	329368	51.172	ug/L	100
29) Cyclohexane	4.70	56	341492	49.271	ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	372292	50.211	ug/L	100
31) Carbon tetrachloride	4.86	117	312035	49.677	ug/L	100
33) Benzene	5.13	78	876506	50.631	ug/L	100
34) Trichloroethene	5.94	95	225538	48.564	ug/L	100
35) Methylcyclohexane	6.15	83	363192	49.860	ug/L	100
37) 1,2-Dichloropropane	6.20	63	223928	50.854	ug/L	100
38) Bromodichloromethane	6.53	83	320657	50.639	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	380195	51.125	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	663819	101.390	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	1001468	51.532	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	371648	50.862	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	226427	51.043	ug/L	100
46) Tetrachloroethene	8.00	164	151725	49.373	ug/L	100
48) 2-Hexanone	8.16	43	525944	104.714	ug/L	100
49) Dibromochloromethane	8.27	129	249600	51.483	ug/L	100
50) 1,2-Dibromoethane	8.37	107	244435	50.714	ug/L	100
51) Chlorobenzene	8.90	112	635714	50.262	ug/L	100
52) Ethylbenzene	9.03	91	1113258	50.799	ug/L	100
53) m,p-Xylene	9.16	106	431175	51.582	ug/L	100
54) o-xylene	9.57	106	427301	51.386	ug/L	100
55) Styrene	9.58	104	732075	51.591	ug/L	100
56) Isopropylbenzene	9.95	105	1121926	51.254	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	381839	51.866	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	314083	51.553	ug/L	100
61) Bromoform	9.75	173	158686	50.645	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	473631	49.430	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	473854	48.450	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	478719	49.509	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	105818	49.740	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	303329	49.600	ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	284899	49.030	ug/L	100
69) Naphthalene	13.53	128	1154712	49.851	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	290440	49.803	ug/L	100

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

