

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015267.D
 Acq On : 30 Mar 2020 11:51
 Operator : SY/MD
 Sample : VSTD00503
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00503

Manual Integrations
 APPROVED

MMDadoda
 4/6/2020 12:58:23 PM

Quant Time: Mar 30 13:42:06 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	552881	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	524844	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	233069	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21649	5.37	ug/L	0.00
7) Chloroethane-d5	1.58	69	20535	5.47	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	44945	5.17	ug/L	0.00
21) 2-Butanone-d5	3.98	46	24442	9.27	ug/L	0.04
24) Chloroform-d	4.38	84	38404	5.30	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.07	65	26804	5.66	ug/L	0.00
32) Benzene-d6	5.08	84	74710	5.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	23617	5.51	ug/L	0.00
41) Toluene-d8	7.34	98	70422	5.31	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	12355	5.30	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	20325	10.11	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33399	5.28	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	26239	5.66	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	18703	4.808	ug/L 97
3) Chloromethane	1.25	50	21747	4.923	ug/L 100
5) Vinyl chloride	1.32	62	22404	4.808	ug/L 100
6) Bromomethane	1.53	94	15430	4.950	ug/L 97
8) Chloroethane	1.60	64	18227	5.672	ug/L 99
9) Trichlorofluoromethane	1.77	101	35468	4.503	ug/L 95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	20388	4.827	ug/L 98
12) 1,1-Dichloroethene	2.13	96	20549	5.025	ug/L 88
13) Acetone	2.21	43	23462m	13.195	ug/L
14) Carbon disulfide	2.31	76	50841	5.109	ug/L 96
15) Methyl Acetate	2.47	43	15496	4.290	ug/L 97
16) Methylene chloride	2.53	84	18665	4.879	ug/L 95
17) trans-1,2-Dichloroethene	2.78	96	17480	5.101	ug/L 93
18) Methyl tert-butyl Ether	2.79	73	53219	4.562	ug/L 99
19) 1,1-Dichloroethane	3.22	63	29768	4.660	ug/L 99
20) cis-1,2-Dichloroethene	3.95	96	18187	4.722	ug/L # 89
22) 2-Butanone	4.06	43	21712m	8.026	ug/L
23) Bromochloromethane	4.28	128	8678m	4.573	ug/L
25) Chloroform	4.41	83	32638	4.785	ug/L 92
27) 1,2-Dichloroethane	5.16	62	25700	4.737	ug/L 96
29) Cyclohexane	4.70	56	27446m	4.934	ug/L
30) 1,1,1-Trichloroethane	4.64	97	27698	4.654	ug/L 97
31) Carbon tetrachloride	4.86	117	23199	4.602	ug/L 100
33) Benzene	5.13	78	64176	4.619	ug/L 100
34) Trichloroethene	5.94	95	18214	4.887	ug/L 96
35) Methylcyclohexane	6.15	83	26924	4.605	ug/L 94
37) 1,2-Dichloropropane	6.20	63	16531	4.678	ug/L 100
38) Bromodichloromethane	6.53	83	23209	4.567	ug/L 98
39) cis-1,3-Dichloropropene	7.05	75	27821	4.661	ug/L 92
40) 4-Methyl-2-pentanone	7.26	43	47311	9.004	ug/L 98

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42) Toluene	7.41	91	70482	4.519	ug/L	100
44) trans-1,3-Dichloropropene	7.68	75	25602	4.366	ug/L	89
45) 1,1,2-Trichloroethane	7.86	97	15768	4.429	ug/L	94
46) Tetrachloroethene	8.00	164	10868	4.406	ug/L	93
48) 2-Hexanone	8.17	43	34706	8.609	ug/L #	96
49) Dibromochloromethane	8.27	129	16592	4.264	ug/L	96
50) 1,2-Dibromoethane	8.38	107	17529	4.531	ug/L	94
51) Chlorobenzene	8.90	112	48088	4.737	ug/L	100
52) Ethylbenzene	9.04	91	80614	4.583	ug/L	97
53) m,p-Xylene	9.16	106	28417	4.236	ug/L	100
54) o-xylene	9.57	106	29257	4.384	ug/L	96
55) Styrene	9.59	104	49271	4.326	ug/L	98
56) Isopropylbenzene	9.96	105	77452	4.409	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.27	83	26079	4.414	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	23308	4.767	ug/L	99
61) Bromoform	9.76	173	9345	4.020	ug/L #	96
62) 1,3-Dichlorobenzene	11.21	146	34159	4.806	ug/L	94
63) 1,4-Dichlorobenzene	11.30	146	34927	4.814	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	34259	4.776	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.45	75	7626	4.832	ug/L	86
67) 1,3,5-Trichlorobenzene	12.67	180	20500	4.519	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	20546	4.766	ug/L	96
69) Naphthalene	13.53	128	81661	4.752	ug/L	97
70) 1,2,3-Trichlorobenzene	13.77	180	19727	4.560	ug/L	98

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

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