

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015169.D
 Acq On : 26 Mar 2020 13:56
 Operator : SY/MD
 Sample : VSTD10065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10065

Manual Integrations
 APPROVED

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 3/27/2020 4:17:27 PM

Quant Time: Mar 26 14:32:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 26 14:13:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	686831	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	688460	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	330443	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	362755	67.65	ug/L	0.00
7) Chloroethane-d5	1.58	69	362181	73.22	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	807445	74.58	ug/L	0.00
21) 2-Butanone-d5	3.93	46	770013	202.99	ug/L	0.00
24) Chloroform-d	4.38	84	809166	86.80	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	528081	87.22	ug/L	0.00
32) Benzene-d6	5.08	84	1378302	73.09	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	490936	80.34	ug/L	0.00
41) Toluene-d8	7.34	98	1260184	70.59	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	274438	81.75	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	604393	192.24	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	835399	90.19	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	599154	82.77	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	554241	100.034	ug/L	99
3) Chloromethane	1.25	50	613576	103.555	ug/L	99
5) Vinyl chloride	1.32	62	626153	104.212	ug/L	99
6) Bromomethane	1.53	94	403925	104.717	ug/L	100
8) Chloroethane	1.60	64	396030	93.391	ug/L	97
9) Trichlorofluoromethane	1.76	101	1059993	109.059	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	514481	102.634	ug/L	99
12) 1,1-Dichloroethene	2.13	96	510046	104.863	ug/L	94
13) Acetone	2.22	43	454534m	215.008	ug/L	
14) Carbon disulfide	2.31	76	1323221	103.181	ug/L	100
15) Methyl Acetate	2.46	43	495316	106.867	ug/L	100
16) Methylene chloride	2.52	84	482766	103.914	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	449356	105.167	ug/L	99
18) Methyl tert-butyl Ether	2.79	73	1515736	105.293	ug/L	99
19) 1,1-Dichloroethane	3.21	63	820013	104.822	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	498088	105.679	ug/L	# 96
22) 2-Butanone	4.02	43	713304	211.076	ug/L	98
23) Bromochloromethane	4.27	128	244933	104.083	ug/L	98
25) Chloroform	4.41	83	853488	104.467	ug/L	100
27) 1,2-Dichloroethane	5.16	62	675528	105.832	ug/L	99
29) Cyclohexane	4.70	56	759806	100.161	ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	790932	101.174	ug/L	100
31) Carbon tetrachloride	4.86	117	673522	100.404	ug/L	100
33) Benzene	5.13	78	1875515	101.680	ug/L	100
34) Trichloroethene	5.94	95	496119	101.103	ug/L	99
35) Methylcyclohexane	6.15	83	803629	97.536	ug/L	99
37) 1,2-Dichloropropane	6.20	63	475712	101.913	ug/L	99
38) Bromodichloromethane	6.53	83	682927	102.576	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	825282	102.164	ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	1452438	204.766	ug/L	99

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42) Toluene	7.41	91	2119343	103.125	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	805451	103.376	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	476630	103.948	ug/L	99
46) Tetrachloroethene	8.00	164	339994	98.109	ug/L	98
48) 2-Hexanone	8.16	43	1161398	214.700	ug/L	98
49) Dibromochloromethane	8.27	129	542289	104.270	ug/L	97
50) 1,2-Dibromoethane	8.37	107	526026	103.768	ug/L	97
51) Chlorobenzene	8.90	112	1351739	101.555	ug/L	99
52) Ethylbenzene	9.03	91	2404841	103.859	ug/L	100
53) m,p-Xylene	9.16	106	925034	101.557	ug/L	98
54) o-xylene	9.57	106	921573	104.066	ug/L	97
55) Styrene	9.58	104	1590378	105.106	ug/L	99
56) Isopropylbenzene	9.95	105	2400819	103.687	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	791731	101.991	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	643746	102.747	ug/L	99
61) Bromoform	9.75	173	363881	102.371	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	1036103	102.373	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	1043353	101.572	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	1033774	101.574	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	220904	98.948	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	677130	100.278	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	647885	101.757	ug/L	100
69) Naphthalene	13.53	128	2577877	104.867	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	651326	102.571	ug/L	99

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

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