

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031820\
 Data File : VV015018.D
 Acq On : 18 Mar 2020 14:50
 Operator : SY/MD
 Sample : VSTD10061
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10061

Manual Integrations
 APPROVED

sam
 3/19/2020 11:31:29 AM

Quant Time: Mar 19 02:28:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 19 02:01:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	335499	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	335907	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	188597	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	149653	95.47	ug/L	0.00
7) Chloroethane-d5	1.58	69	118139	96.11	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	255577	95.39	ug/L	0.00
21) 2-Butanone-d5	3.92	46	203463	188.29	ug/L	0.00
24) Chloroform-d	4.38	84	390030	97.18	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	244968	96.96	ug/L	0.00
32) Benzene-d6	5.08	84	771756	96.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	225345	96.62	ug/L	0.00
41) Toluene-d8	7.34	98	790942	98.57	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	128538	103.10	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	217557	202.44	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	341846	97.41	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	353515	93.37	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	280597	97.833 ug/L	98
3) Chloromethane	1.25	50	192650	98.810 ug/L	98
5) Vinyl chloride	1.32	62	184293	97.740 ug/L	99
6) Bromomethane	1.53	94	124116	101.442 ug/L	97
8) Chloroethane	1.60	64	100918	99.331 ug/L	99
9) Trichlorofluoromethane	1.76	101	297414	99.143 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	138950	96.306 ug/L	98
12) 1,1-Dichloroethene	2.13	96	137261	100.533 ug/L	97
13) Acetone	2.20	43	162202m	185.964 ug/L	
14) Carbon disulfide	2.31	76	488245	100.917 ug/L	99
15) Methyl Acetate	2.45	43	151867	100.968 ug/L	94
16) Methylene chloride	2.52	84	211951	97.964 ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	204647	99.860 ug/L	97
18) Methyl tert-butyl Ether	2.79	73	649734	102.988 ug/L	99
19) 1,1-Dichloroethane	3.21	63	352691	100.159 ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	230700	100.731 ug/L	94
22) 2-Butanone	4.01	43	240532	200.032 ug/L	99
23) Bromochloromethane	4.28	128	127399	102.334 ug/L	94
25) Chloroform	4.41	83	392980	99.787 ug/L	99
27) 1,2-Dichloroethane	5.16	62	295315	100.418 ug/L	99
29) Cyclohexane	4.70	56	297996	98.809 ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	367203	101.333 ug/L	100
31) Carbon tetrachloride	4.86	117	327894	100.688 ug/L	100
33) Benzene	5.13	78	829284	100.852 ug/L	100
34) Trichloroethene	5.94	95	219732	98.641 ug/L	96
35) Methylcyclohexane	6.16	83	351681	99.492 ug/L	99
37) 1,2-Dichloropropane	6.20	63	201183	101.173 ug/L	100
38) Bromodichloromethane	6.53	83	297619	102.626 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	356966	107.207 ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	562479	204.200 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	946196	101.789	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	324105	107.460	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	222438	102.611	ug/L	98
46) Tetrachloroethene	8.00	164	210001	99.286	ug/L	98
48) 2-Hexanone	8.16	43	446301	216.905	ug/L	99
49) Dibromochloromethane	8.27	129	267203	106.057	ug/L	99
50) 1,2-Dibromoethane	8.37	107	246802	102.011	ug/L	100
51) Chlorobenzene	8.90	112	652258	99.799	ug/L	99
52) Ethylbenzene	9.03	91	1082595	102.526	ug/L	100
53) m,p-Xylene	9.16	106	427510	103.416	ug/L	98
54) o-xylene	9.56	106	421797	103.035	ug/L	98
55) Styrene	9.58	104	729671	106.129	ug/L	100
56) Isopropylbenzene	9.95	105	1097189	102.904	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	354415	100.516	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	285273	102.073	ug/L	99
61) Bromoform	9.75	173	199906	107.202	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	564173	99.382	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	571855	96.776	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	570530	94.621	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	87026	103.275	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	455162	101.338	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	417067	100.831	ug/L	99
69) Naphthalene	13.52	128	597046	110.553	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	430382	105.910	ug/L	100

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

