

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081919\
 Data File : VV012278.D
 Acq On : 19 Aug 2019 14:26
 Operator : SY/MD
 Sample : VSTD01035
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01035

Quant Time: Aug 19 18:27:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 19 18:23:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	114789	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	112656	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	61950	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61307	8.67	ug/L	0.00
7) Chloroethane-d5	1.58	69	46930	8.95	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	117236	9.89	ug/L	0.00
20) 2-Butanone-d5	3.96	46	173911	113.67	ug/L	0.00
24) Chloroform-d	4.40	84	172984	11.97	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	87996	12.66	ug/L	0.00
32) Benzene-d6	5.09	84	317175	11.05	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	88763	10.61	ug/L	0.00
41) Toluene-d8	7.36	98	307249	11.54	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	41495	12.46	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	142115	135.89	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	68016	11.45	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	129677	11.95	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	151012	12.870 ug/L	97
3) Chloromethane	1.25	50	74184	7.768 ug/L	97
5) Vinyl chloride	1.32	62	79315	8.077 ug/L	99
6) Bromomethane	1.54	94	43478	8.034 ug/L	96
8) Chloroethane	1.60	64	41863	7.698 ug/L	95
9) Trichlorofluoromethane	1.77	101	150827	11.409 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	63994	9.761 ug/L	99
12) 1,1-Dichloroethene	2.14	96	58003	9.534 ug/L	97
13) Acetone	2.23	43	86689	92.354 ug/L	# 65
14) Carbon disulfide	2.32	76	156246	9.025 ug/L	96
15) Methyl Acetate	2.47	43	16752	7.407 ug/L	99
16) Methylene chloride	2.53	84	55108	8.664 ug/L	96
17) Methyl tert-butyl Ether	2.81	73	190220	11.338 ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	84229	10.481 ug/L	95
19) 1,1-Dichloroethane	3.23	63	146387	10.071 ug/L	99
21) 2-Butanone	4.05	43	170426	92.822 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	91997	10.484 ug/L	97
23) Bromochloromethane	4.30	128	42488	11.230 ug/L	98
25) Chloroform	4.42	83	170104	10.130 ug/L	100
27) 1,2-Dichloroethane	5.18	62	108000	11.591 ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	165611	11.849 ug/L	99
30) Cyclohexane	4.72	56	124911	9.549 ug/L	99
31) Carbon tetrachloride	4.87	117	155143	12.184 ug/L	99
33) Benzene	5.14	78	338977	10.243 ug/L	100
34) Trichloroethene	5.96	95	97802	10.683 ug/L	99
35) Methylcyclohexane	6.17	83	153711	10.958 ug/L	99
37) 1,2-Dichloropropane	6.22	63	76466	9.384 ug/L	98
38) Bromodichloromethane	6.55	83	122155	11.160 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	132342	11.417 ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	442955	99.400 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.43	91	389019	10.907	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	106263	11.511	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	60721	10.823	ug/L	99
47) Tetrachloroethene	8.02	164	92342	11.952	ug/L	98
48) 2-Hexanone	8.19	43	315666	101.037	ug/L	100
49) Dibromochloromethane	8.29	129	87040	12.253	ug/L	98
50) 1,2-Dibromoethane	8.40	107	58237	10.790	ug/L #	95
51) Chlorobenzene	8.92	112	258556	11.084	ug/L	99
52) Ethylbenzene	9.05	91	443113	11.532	ug/L	99
53) m,p-xylene	9.18	106	173701	11.676	ug/L	96
54) o-xylene	9.59	106	167681	11.926	ug/L	100
55) Styrene	9.60	104	286519	12.216	ug/L	99
56) Isopropylbenzene	9.97	105	460365	12.176	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	66200	10.408	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	50336	10.644	ug/L	100
61) Bromoform	9.77	173	49029	12.188	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	227883	11.108	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	224438	10.940	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	209118	11.097	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	12122	10.173	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	189619	11.984	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	150963	12.817	ug/L	99
69) Naphthalene	13.55	128	219965	13.228	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	139638	12.676	ug/L	98

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

