

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083018\
 Data File : VV007267.D
 Acq On : 30 Aug 2018 16:59
 Operator : SY/MD
 Sample : VSTD02067
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02067

Quant Time: Aug 31 01:34:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR083018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 31 01:32:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	327527	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	325622	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	168092	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	551309	22.43	ug/L	0.00
7) Chloroethane-d5	1.58	69	419826	21.61	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	911717	21.83	ug/L	0.00
20) 2-Butanone-d5	3.97	46	1170176	204.93	ug/L	0.00
24) Chloroform-d	4.41	84	970784	20.20	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	447561	18.95	ug/L	0.00
32) Benzene-d6	5.10	84	2062170	21.72	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	624282	20.37	ug/L	0.00
41) Toluene-d8	7.36	98	1894671	22.81	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	234877	21.62	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	955837	311.09	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	435620	18.75	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	653716	20.06	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	492533	19.45	ug/L	# 76
3) Chloromethane	1.25	50	618179	22.56	ug/L	98
5) Vinyl chloride	1.32	62	598531	22.75	ug/L	99
6) Bromomethane	1.54	94	295463	29.08	ug/L	100
8) Chloroethane	1.60	64	339634	21.51	ug/L	100
9) Trichlorofluoromethane	1.77	101	757434	21.09	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	455283	20.38	ug/L	99
12) 1,1-Dichloroethene	2.14	96	439025	21.73	ug/L	92
13) Acetone	2.21	43	559567	193.81	ug/L	99
14) Carbon disulfide	2.32	76	1443754	23.51	ug/L	99
15) Methyl Acetate	2.47	43	153269	20.00	ug/L	97
16) Methylene chloride	2.54	84	462074	19.04	ug/L	100
17) Methyl tert-butyl Ether	2.81	73	1023147	20.22	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	483974	21.52	ug/L	98
19) 1,1-Dichloroethane	3.23	63	882256	19.97	ug/L	100
21) 2-Butanone	4.05	43	1199955	204.21	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	562127	21.98	ug/L	99
23) Bromochloromethane	4.30	128	234018	20.43	ug/L	97
25) Chloroform	4.43	83	922564	20.44	ug/L	99
27) 1,2-Dichloroethane	5.19	62	539566	20.52	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	792501	20.82	ug/L	100
30) Cyclohexane	4.73	56	890386	25.87	ug/L	98
31) Carbon tetrachloride	4.88	117	696109	21.44	ug/L	100
33) Benzene	5.15	78	2197540	22.49	ug/L	100
34) Trichloroethene	5.96	95	526513	21.47	ug/L	99
35) Methylcyclohexane	6.18	83	964752	26.39	ug/L	97
37) 1,2-Dichloropropane	6.23	63	551842	21.44	ug/L	99
38) Bromodichloromethane	6.56	83	640081	20.82	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	778135	24.38	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	2830827	216.32	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	2273622	23.56	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	621815	23.28	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	357345	19.71	ug/L	97
47) Tetrachloroethene	8.02	164	449658	22.10	ug/L	99
48) 2-Hexanone	8.19	43	2023179	208.28	ug/L	96
49) Dibromochloromethane	8.30	129	425168	20.58	ug/L	96
50) 1,2-Dibromoethane	8.40	107	325014	20.79	ug/L	99
51) Chlorobenzene	8.93	112	1424774	22.00	ug/L	99
52) Ethylbenzene	9.06	91	2479048	25.56	ug/L	99
53) m,p-xylene	9.19	106	960694	25.74	ug/L	98
54) o-xylene	9.59	106	911527	26.36	ug/L	99
55) Styrene	9.61	104	1605700	26.38	ug/L	97
56) Isopropylbenzene	9.98	105	2397418	26.31	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	429185	20.15	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	300670	19.68	ug/L	99
61) Bromoform	9.78	173	237540	19.12	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	1079120	21.44	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	1127993	21.12	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	1038062	20.54	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	61486	20.32	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	864212	22.95	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	716338	27.61	ug/L	99
69) Naphthalene	13.56	128	1176928	34.47	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	670326	26.43	ug/L	99

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

