

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083018\
 Data File : VV007266.D
 Acq On : 30 Aug 2018 16:32
 Operator : SY/MD
 Sample : VSTD01066
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01066

Quant Time: Aug 31 01:34:38 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	320488	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	315070	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	158590	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	278907	11.60	ug/L	0.00
7) Chloroethane-d5	1.58	69	208969	10.99	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	458605	11.22	ug/L	0.00
20) 2-Butanone-d5	3.96	46	559462	100.13	ug/L	0.00
24) Chloroform-d	4.41	84	487327	10.37	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	225282	9.75	ug/L	0.00
32) Benzene-d6	5.10	84	1019603	11.10	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	305390	10.30	ug/L	0.00
41) Toluene-d8	7.36	98	945372	11.76	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	111286	10.59	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	427546	143.81	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	217843	9.69	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	308045	10.02	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	246429	9.94	ug/L	# 86
3) Chloromethane	1.25	50	311128	11.61	ug/L	99
5) Vinyl chloride	1.32	62	298435	11.59	ug/L	99
6) Bromomethane	1.54	94	144305	14.52	ug/L	100
8) Chloroethane	1.60	64	168732	10.92	ug/L	99
9) Trichlorofluoromethane	1.77	101	380570	10.83	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	230941	10.56	ug/L	99
12) 1,1-Dichloroethene	2.14	96	219709	11.12	ug/L	99
13) Acetone	2.21	43	276319	97.80	ug/L	100
14) Carbon disulfide	2.32	76	721961	12.01	ug/L	100
15) Methyl Acetate	2.47	43	74438	9.92	ug/L	100
16) Methylene chloride	2.54	84	233400	9.83	ug/L	100
17) Methyl tert-butyl Ether	2.81	73	498767	10.07	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	240690	10.94	ug/L	97
19) 1,1-Dichloroethane	3.23	63	469238	10.86	ug/L	99
21) 2-Butanone	4.05	43	572709	99.60	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	270769	10.82	ug/L	99
23) Bromochloromethane	4.31	128	116249	10.37	ug/L	95
25) Chloroform	4.43	83	459009	10.40	ug/L	100
27) 1,2-Dichloroethane	5.19	62	265910	10.34	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	392921	10.67	ug/L	100
30) Cyclohexane	4.73	56	411419	12.36	ug/L	97
31) Carbon tetrachloride	4.88	117	346178	11.02	ug/L	100
33) Benzene	5.15	78	1084055	11.47	ug/L	100
34) Trichloroethene	5.96	95	255066	10.75	ug/L	99
35) Methylcyclohexane	6.18	83	443464	12.53	ug/L	98
37) 1,2-Dichloropropane	6.23	63	271804	10.91	ug/L	100
38) Bromodichloromethane	6.56	83	314567	10.57	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	355337	11.50	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	1354659	106.98	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	1112565	11.91	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	294509	11.40	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	176214	10.04	ug/L	99
47) Tetrachloroethene	8.02	164	219433	11.15	ug/L	99
48) 2-Hexanone	8.19	43	974801	103.71	ug/L	97
49) Dibromochloromethane	8.30	129	207921	10.40	ug/L	99
50) 1,2-Dibromoethane	8.40	107	157053	10.38	ug/L	99
51) Chlorobenzene	8.93	112	694398	11.08	ug/L	99
52) Ethylbenzene	9.06	91	1152081	12.27	ug/L	99
53) m,p-xylene	9.19	106	455508	12.61	ug/L	97
54) o-xylene	9.59	106	423969	12.67	ug/L	99
55) Styrene	9.61	104	771630	13.10	ug/L	97
56) Isopropylbenzene	9.98	105	1109487	12.58	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	210322	10.21	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	148951	10.08	ug/L	98
61) Bromoform	9.78	173	112568	9.60	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	497069	10.47	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	531863	10.55	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	497144	10.43	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	29598	10.37	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	396102	11.15	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	309250	12.63	ug/L	98
69) Naphthalene	13.56	128	470415	14.60	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	298136	12.46	ug/L	99

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

