

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083018\
 Data File : VV007265.D
 Acq On : 30 Aug 2018 16:05
 Operator : SY/MD
 Sample : VSTD00565
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00565

Quant Time: Aug 31 01:34:24 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	316243	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	314437	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	151642	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	141714	5.97	ug/L	0.00
7) Chloroethane-d5	1.58	69	106185	5.66	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	230413	5.71	ug/L	0.00
20) 2-Butanone-d5	3.97	46	269616	48.90	ug/L	0.00
24) Chloroform-d	4.41	84	247851	5.34	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	115312	5.06	ug/L	0.00
32) Benzene-d6	5.10	84	503142	5.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	154502	5.22	ug/L	0.00
41) Toluene-d8	7.36	98	468438	5.84	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	54791	5.22	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	196542	66.24	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	108975	4.86	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	149252	5.08	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	153849	6.29	ug/L	100
3) Chloromethane	1.25	50	158161	5.98	ug/L	100
5) Vinyl chloride	1.32	62	152681	6.01	ug/L	100
6) Bromomethane	1.54	94	71294	7.27	ug/L	100
8) Chloroethane	1.60	64	85940	5.64	ug/L	100
9) Trichlorofluoromethane	1.77	101	192500	5.55	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	116826	5.42	ug/L	100
12) 1,1-Dichloroethene	2.14	96	109754	5.63	ug/L	100
13) Acetone	2.21	43	143325	51.41	ug/L	100
14) Carbon disulfide	2.32	76	360345	6.08	ug/L	100
15) Methyl Acetate	2.47	43	38152	5.15	ug/L	100
16) Methylene chloride	2.54	84	119206	5.09	ug/L	100
17) Methyl tert-butyl Ether	2.82	73	247937	5.08	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	120941	5.57	ug/L	100
19) 1,1-Dichloroethane	3.23	63	210334	4.93	ug/L	100
21) 2-Butanone	4.05	43	279530	49.27	ug/L	100
22) cis-1,2-Dichloroethene	3.97	96	130548	5.29	ug/L	100
23) Bromochloromethane	4.30	128	57975	5.24	ug/L	100
25) Chloroform	4.43	83	231367	5.31	ug/L	100
27) 1,2-Dichloroethane	5.19	62	132381	5.21	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	197410	5.37	ug/L	100
30) Cyclohexane	4.73	56	187933	5.66	ug/L	100
31) Carbon tetrachloride	4.88	117	172440	5.50	ug/L	100
33) Benzene	5.15	78	532104	5.64	ug/L	100
34) Trichloroethene	5.96	95	125933	5.32	ug/L	100
35) Methylcyclohexane	6.18	83	200308	5.67	ug/L	100
37) 1,2-Dichloropropane	6.23	63	137192	5.52	ug/L	100
38) Bromodichloromethane	6.56	83	157125	5.29	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	165422	5.37	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	646999	51.20	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	549938	5.90	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	140411	5.44	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	88118	5.03	ug/L	100
47) Tetrachloroethene	8.02	164	109486	5.57	ug/L	100
48) 2-Hexanone	8.20	43	487519	51.97	ug/L	100
49) Dibromochloromethane	8.30	129	102258	5.13	ug/L	100
50) 1,2-Dibromoethane	8.40	107	79075	5.24	ug/L	100
51) Chlorobenzene	8.93	112	336463	5.38	ug/L	100
52) Ethylbenzene	9.06	91	528196	5.64	ug/L	100
53) m,p-xylene	9.19	106	210920	5.85	ug/L	100
54) o-xylene	9.59	106	193395	5.79	ug/L	100
55) Styrene	9.61	104	356620	6.07	ug/L	100
56) Isopropylbenzene	9.98	105	503650	5.72	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	105634	5.14	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	74416	5.05	ug/L	100
61) Bromoform	9.78	173	55410	4.94	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	233816	5.15	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	251736	5.22	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	241576	5.30	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	14882	5.45	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	191465	5.64	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	143881	6.15	ug/L	100
69) Naphthalene	13.56	128	205281	6.66	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	137731	6.02	ug/L	100

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

