

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083018\
 Data File : VV007264.D
 Acq On : 30 Aug 2018 15:38
 Operator : SY/MD
 Sample : VSTD00164
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00164

Quant Time: Aug 31 01:34:10 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	298884	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	299470	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	131981	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25720	1.15	ug/L	0.00
7) Chloroethane-d5	1.58	69	20085	1.13	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	41926	1.10	ug/L	0.00
20) 2-Butanone-d5	3.97	46	46014	8.83	ug/L	0.00
24) Chloroform-d	4.41	84	44193	1.01	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	19862	0.92	ug/L	0.00
32) Benzene-d6	5.11	84	81451	0.93	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.13	67	26270	0.93	ug/L	0.00
41) Toluene-d8	7.37	98	68336	0.89	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	8716	0.87	ug/L	0.00
46) 2-Hexanone-d5	8.15	63	23838	8.44	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19358	0.91	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	23728	0.93	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	24443	1.06	ug/L	99
3) Chloromethane	1.25	50	26279	1.05	ug/L	98
5) Vinyl chloride	1.32	62	24595	1.02	ug/L	92
6) Bromomethane	1.54	94	13013	1.40	ug/L	94
8) Chloroethane	1.60	64	15451	1.07	ug/L	100
9) Trichlorofluoromethane	1.77	101	31765	0.97	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	18324	0.90	ug/L	98
12) 1,1-Dichloroethene	2.15	96	17919	0.97	ug/L	97
13) Acetone	2.21	43	28092	10.66	ug/L	99
14) Carbon disulfide	2.32	76	59312	1.06	ug/L	98
15) Methyl Acetate	2.47	43	6176	0.88	ug/L	93
16) Methylene chloride	2.54	84	22206	1.00	ug/L	100
17) Methyl tert-butyl Ether	2.81	73	40516	0.88	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	20582	1.00	ug/L	97
19) 1,1-Dichloroethane	3.23	63	39046	0.97	ug/L	96
21) 2-Butanone	4.05	43	40771	7.60	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	20612	0.88	ug/L	98
23) Bromochloromethane	4.31	128	9584	0.92	ug/L	92
25) Chloroform	4.44	83	38665	0.94	ug/L	99
27) 1,2-Dichloroethane	5.19	62	21487	0.90	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	32366	0.92	ug/L	98
30) Cyclohexane	4.73	56	27244	0.86	ug/L	100
31) Carbon tetrachloride	4.88	117	26195	0.88	ug/L	98
33) Benzene	5.15	78	78098	0.87	ug/L	100
34) Trichloroethene	5.96	95	19274	0.85	ug/L	97
35) Methylcyclohexane	6.18	83	25883	0.77	ug/L	95
37) 1,2-Dichloropropane	6.23	63	20920	0.88	ug/L	99
38) Bromodichloromethane	6.56	83	25204	0.89	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	24144	0.82	ug/L	93
40) 4-Methyl-2-pentanone	7.29	43	82258	6.83	ug/L	97

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42) Toluene	7.44	91	74392	0.84	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	19600	0.80	ug/L	94
45) 1,1,2-Trichloroethane	7.89	97	14255	0.85	ug/L	98
47) Tetrachloroethene	8.02	164	16509	0.88	ug/L	96
48) 2-Hexanone	8.20	43	59444	6.65	ug/L	94
49) Dibromochloromethane	8.30	129	15831	0.83	ug/L	94
50) 1,2-Dibromoethane	8.40	107	12400	0.86	ug/L	100
51) Chlorobenzene	8.93	112	50561	0.85	ug/L	97
52) Ethylbenzene	9.06	91	70725	0.79	ug/L	99
53) m,p-xylene	9.19	106	25868	0.75	ug/L	94
54) o-xylene	9.59	106	24820	0.78	ug/L	96
55) Styrene	9.61	104	39053	0.70	ug/L	99
56) Isopropylbenzene	9.98	105	59961	0.72	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	16804	0.86	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	10999	0.78	ug/L	97
61) Bromoform	9.78	173	8740	0.90	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	33664	0.85	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	35446	0.85	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	33589	0.85	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	2243	0.94	ug/L	93
67) 1,3,5-Trichlorobenzene	12.70	180	26147	0.88	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	21002	1.03	ug/L	97
69) Naphthalene	13.56	128	27085	1.01	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	19691	0.99	ug/L	99

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

