

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120518\
 Data File : VV008837.D
 Acq On : 05 Dec 2018 10:59
 Operator : SY/MD
 Sample : VSTD00566
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00566

Quant Time: Dec 06 04:40:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR120518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 06 04:37:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	120914	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	113262	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55374	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30595	3.80	ug/L	0.00
7) Chloroethane-d5	1.59	69	23259	4.02	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	59865	4.25	ug/L	0.00
20) 2-Butanone-d5	3.98	46	79988	43.26	ug/L	0.00
24) Chloroform-d	4.41	84	70904	4.33	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	34332	4.37	ug/L	0.00
32) Benzene-d6	5.10	84	142673	4.21	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	41735	4.09	ug/L	0.00
41) Toluene-d8	7.36	98	137098	4.36	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	15530	4.51	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	62697	43.91	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	27740	4.28	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	49216	4.36	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	56606	5.227 ug/L	100
3) Chloromethane	1.25	50	37802	4.772 ug/L	100
5) Vinyl chloride	1.32	62	38480	4.894 ug/L	100
6) Bromomethane	1.54	94	22466	4.576 ug/L	100
8) Chloroethane	1.60	64	20927	4.655 ug/L	100
9) Trichlorofluoromethane	1.77	101	62341	5.193 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	33695	4.968 ug/L	100
12) 1,1-Dichloroethene	2.14	96	29463	4.975 ug/L	100
13) Acetone	2.23	43	45877	49.501 ug/L	100
14) Carbon disulfide	2.32	76	87901	5.067 ug/L	100
15) Methyl Acetate	2.48	43	9774	4.007 ug/L	100
16) Methylene chloride	2.54	84	29697	4.448 ug/L	100
17) Methyl tert-butyl Ether	2.82	73	71520	4.906 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	30985	4.770 ug/L	100
19) 1,1-Dichloroethane	3.23	63	71233	4.967 ug/L	100
21) 2-Butanone	4.06	43	87359	47.511 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	44846	4.912 ug/L	100
23) Bromochloromethane	4.31	128	18802	5.009 ug/L	100
25) Chloroform	4.43	83	76386	4.846 ug/L	100
27) 1,2-Dichloroethane	5.19	62	45033	4.969 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	67367	5.075 ug/L	100
30) Cyclohexane	4.72	56	64705	4.712 ug/L	100
31) Carbon tetrachloride	4.88	117	59340	5.145 ug/L	100
33) Benzene	5.15	78	160391	4.784 ug/L	100
34) Trichloroethene	5.96	95	46036	4.890 ug/L	100
35) Methylcyclohexane	6.18	83	73277	4.924 ug/L	100
37) 1,2-Dichloropropane	6.23	63	40452	4.840 ug/L	100
38) Bromodichloromethane	6.56	83	47733	4.969 ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	55317	5.009 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	203720	47.570 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	173974	4.932	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	44104	5.046	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	27581	4.959	ug/L	100
47) Tetrachloroethene	8.02	164	37284	5.088	ug/L	100
48) 2-Hexanone	8.19	43	145789	48.571	ug/L	100
49) Dibromochloromethane	8.29	129	32770	5.323	ug/L	100
50) 1,2-Dibromoethane	8.40	107	26456	5.020	ug/L	100
51) Chlorobenzene	8.93	112	112632	4.839	ug/L	100
52) Ethylbenzene	9.06	91	188564	4.934	ug/L	100
53) m,p-xylene	9.18	106	72944	5.076	ug/L	100
54) o-xylene	9.59	106	70159	5.086	ug/L	100
55) Styrene	9.60	104	118080	5.128	ug/L	100
56) Isopropylbenzene	9.98	105	188424	5.002	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	29145	4.952	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	23660	4.914	ug/L	100
61) Bromoform	9.78	173	16315	5.345	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	87897	4.860	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	90310	5.011	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	83267	4.865	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	4313	5.110	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	67518	5.080	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	51887	5.281	ug/L	100
69) Naphthalene	13.56	128	75153	5.207	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	48333	5.241	ug/L	100

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

