

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112818\
 Data File : VV008732.D
 Acq On : 28 Nov 2018 12:58
 Operator : SY/MD
 Sample : VSTD00163
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00163

Quant Time: Nov 29 02:07:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 29 02:03:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	169469	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	152426	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68387	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	9515	1.18	ug/L	0.00
7) Chloroethane-d5	1.59	69	7739	1.20	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	18879	1.18	ug/L	0.00
20) 2-Butanone-d5	3.98	46	26590	9.85	ug/L	0.02
24) Chloroform-d	4.41	84	22413	1.06	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	11611	1.10	ug/L	0.00
32) Benzene-d6	5.10	84	46381	1.13	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	14570	1.12	ug/L	0.00
41) Toluene-d8	7.36	98	42372	1.10	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	4626	0.94	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	17177	7.93	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	9103	1.01	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	13879	1.10	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	13809	0.978 ug/L	98
3) Chloromethane	1.25	50	11041	0.937 ug/L	92
5) Vinyl chloride	1.33	62	10804	0.989 ug/L	98
6) Bromomethane	1.54	94	6790	0.998 ug/L	98
8) Chloroethane	1.60	64	6418	1.028 ug/L	99
9) Trichlorofluoromethane	1.77	101	15317	1.005 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	9257	1.048 ug/L	96
12) 1,1-Dichloroethene	2.15	96	7967	0.991 ug/L	95
13) Acetone	2.23	43	12677	9.153 ug/L	65
14) Carbon disulfide	2.32	76	24031	0.960 ug/L	99
15) Methyl Acetate	2.48	43	4010	1.146 ug/L #	78
16) Methylene chloride	2.54	84	9774	1.014 ug/L	86
17) Methyl tert-butyl Ether	2.81	73	19127	0.917 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	8960	1.027 ug/L	94
19) 1,1-Dichloroethane	3.23	63	19334	0.902 ug/L	92
21) 2-Butanone	4.07	43	26216	8.507 ug/L	97
22) cis-1,2-Dichloroethene	3.97	96	12034	0.940 ug/L	98
23) Bromochloromethane	4.30	128	4962	1.002 ug/L	99
25) Chloroform	4.43	83	20917	0.779 ug/L	96
27) 1,2-Dichloroethane	5.18	62	11907	0.888 ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	16272	0.851 ug/L	96
30) Cyclohexane	4.72	56	18038	0.856 ug/L	98
31) Carbon tetrachloride	4.88	117	13346	0.824 ug/L	95
33) Benzene	5.15	78	43121	0.901 ug/L	100
34) Trichloroethene	5.96	95	12541	0.979 ug/L	98
35) Methylcyclohexane	6.17	83	18499	0.863 ug/L	97
37) 1,2-Dichloropropane	6.23	63	10967	0.875 ug/L	98
38) Bromodichloromethane	6.56	83	12218	0.803 ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	13534	0.799 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	55748	7.726 ug/L	98

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42) Toluene	7.43	91	43999	0.881	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	10445	0.771	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	7082	0.883	ug/L	91
47) Tetrachloroethene	8.02	164	9088	0.971	ug/L	94
48) 2-Hexanone	8.20	43	36657	7.534	ug/L	95
49) Dibromochloromethane	8.29	129	6887	0.766	ug/L	95
50) 1,2-Dibromoethane	8.40	107	6108	0.845	ug/L #	98
51) Chlorobenzene	8.93	112	29730	0.953	ug/L	96
52) Ethylbenzene	9.06	91	47273	0.861	ug/L	99
53) m,p-xylene	9.18	106	17325	0.849	ug/L	98
54) o-xylene	9.59	106	16797	0.848	ug/L	93
55) Styrene	9.61	104	26300	0.822	ug/L	100
56) Isopropylbenzene	9.98	105	43960	0.829	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	7404	0.795	ug/L #	97
59) 1,2,3-Trichloropropane	10.32	75	6145	0.867	ug/L	99
61) Bromoform	9.78	173	3452	0.802	ug/L	91
62) 1,3-Dichlorobenzene	11.23	146	21307	0.964	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	22520	1.027	ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	20605	0.978	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	979	0.743	ug/L	90
67) 1,3,5-Trichlorobenzene	12.70	180	14423	0.893	ug/L	96
68) 1,2,4-trichlorobenzene	13.32	180	9683	0.754	ug/L	97
69) Naphthalene	13.56	128	12416	0.615	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	8929	0.755	ug/L	94

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

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