

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082118\
 Data File : VV007101.D
 Acq On : 21 Aug 2018 15:15
 Operator : SY/MD
 Sample : VSTD00170
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00170

Quant Time: Aug 22 02:23:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 22 02:22:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	270964	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	267327	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	111579	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19771	1.10	ug/L	0.00
7) Chloroethane-d5	1.58	69	16296	1.07	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	36748	1.10	ug/L	0.00
20) 2-Butanone-d5	3.98	46	32336	6.48	ug/L	0.00
24) Chloroform-d	4.41	84	40187	1.10	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	18881	1.03	ug/L	0.00
32) Benzene-d6	5.11	84	71621	1.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	23718	0.99	ug/L	0.00
41) Toluene-d8	7.36	98	58780	0.96	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	7923	0.95	ug/L	0.00
46) 2-Hexanone-d5	8.15	63	16822	5.20	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	17829	0.96	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	20641	1.03	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	23885	0.93	ug/L	96
3) Chloromethane	1.25	50	26068	1.02	ug/L	96
5) Vinyl chloride	1.32	62	24373	0.95	ug/L	99
6) Bromomethane	1.54	94	7876	1.28	ug/L	94
8) Chloroethane	1.60	64	15408	0.98	ug/L	99
9) Trichlorofluoromethane	1.77	101	33222	1.00	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	20545	1.02	ug/L	99
12) 1,1-Dichloroethene	2.14	96	19433	1.01	ug/L	96
13) Acetone	2.21	43	21620	8.39	ug/L	94
14) Carbon disulfide	2.32	76	56093	0.90	ug/L	96
15) Methyl Acetate	2.48	43	6281	0.87	ug/L	96
16) Methylene chloride	2.54	84	22490	0.97	ug/L	99
17) Methyl tert-butyl Ether	2.82	73	46050	0.99	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	21342	1.03	ug/L	89
19) 1,1-Dichloroethane	3.23	63	41068	1.07	ug/L	100
21) 2-Butanone	4.07	43	40967	7.17	ug/L	88
22) cis-1,2-Dichloroethene	3.97	96	22068	0.94	ug/L	98
23) Bromochloromethane	4.31	128	10856	1.11	ug/L	93
25) Chloroform	4.43	83	41863	1.02	ug/L	95
27) 1,2-Dichloroethane	5.19	62	21873	0.86	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	35067	0.99	ug/L	97
30) Cyclohexane	4.73	56	29018	0.80	ug/L	98
31) Carbon tetrachloride	4.88	117	28980	0.98	ug/L	94
33) Benzene	5.15	78	83518	0.91	ug/L	100
34) Trichloroethene	5.96	95	20948	0.95	ug/L	97
35) Methylcyclohexane	6.18	83	26358	0.75	ug/L	90
37) 1,2-Dichloropropane	6.23	63	23529	0.94	ug/L	100
38) Bromodichloromethane	6.56	83	26937	0.94	ug/L	89
39) cis-1,3-Dichloropropene	7.08	75	25907	0.85	ug/L	97
40) 4-Methyl-2-pentanone	7.29	43	99629	7.44	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	74728	0.85	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	21208	0.85	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	16762	1.02	ug/L	92
47) Tetrachloroethene	8.02	164	16849	0.93	ug/L	91
48) 2-Hexanone	8.21	43	76038	7.94	ug/L	93
49) Dibromochloromethane	8.30	129	17075	0.98	ug/L	100
50) 1,2-Dibromoethane	8.40	107	12869	0.92	ug/L #	100
51) Chlorobenzene	8.93	112	52963	0.93	ug/L	97
52) Ethylbenzene	9.06	91	71669	0.81	ug/L	99
53) m,p-xylene	9.19	106	25860	0.78	ug/L	92
54) o-xylene	9.59	106	25873	0.83	ug/L	92
55) Styrene	9.61	104	39345	0.74	ug/L	94
56) Isopropylbenzene	9.98	105	62222	0.76	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	18278	0.92	ug/L #	97
59) 1,2,3-Trichloropropane	10.33	75	13510	0.96	ug/L	97
61) Bromoform	9.78	173	9372	1.10	ug/L	93
62) 1,3-Dichlorobenzene	11.23	146	35574	0.98	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	36001	0.97	ug/L	97
65) 1,2-Dichlorobenzene	11.70	146	34004	0.95	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	2244	0.91	ug/L #	89
67) 1,3,5-Trichlorobenzene	12.70	180	25184	0.93	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	14333	0.73	ug/L	97
69) Naphthalene	13.56	128	15961	0.57	ug/L	97
70) 1,2,3-Trichlorobenzene	13.80	180	13418	0.70	ug/L	96

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

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