

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007890.D
 Acq On : 26 Sep 2018 18:34
 Operator : SY/MD
 Sample : VSTD0.568
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.568

Quant Time: Sep 27 06:42:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 27 06:42:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	92230	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	87478	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47507	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	2651	0.66	ug/L	0.00
7) Chloroethane-d5	1.59	69	2378	0.65	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	6034	0.59	ug/L	0.00
20) 2-Butanone-d5	3.99	46	7228	6.92	ug/L	0.00
24) Chloroform-d	4.41	84	5759	0.61	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.10	65	3321	0.70	ug/L	0.00
32) Benzene-d6	5.10	84	10773	0.60	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	3456	0.65	ug/L	0.00
41) Toluene-d8	7.36	98	10707	0.58	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	1334	0.63	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	4670	5.51	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	2398	0.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	5333	0.67	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	4006	0.538 ug/L	98
3) Chloromethane	1.25	50	3536	0.588 ug/L	100
5) Vinyl chloride	1.32	62	3635	0.532 ug/L	98
6) Bromomethane	1.54	94	2316	0.516 ug/L	84
8) Chloroethane	1.60	64	2326	0.527 ug/L	99
9) Trichlorofluoromethane	1.77	101	6091	0.447 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3486	0.468 ug/L	98
12) 1,1-Dichloroethene	2.14	96	3102	0.471 ug/L	98
13) Acetone	2.23	43	5955	6.205 ug/L	95
14) Carbon disulfide	2.32	76	9050	0.519 ug/L #	92
15) Methyl Acetate	2.48	43	1575	0.680 ug/L #	67
16) Methylene chloride	2.54	84	4012	0.592 ug/L	95
17) Methyl tert-butyl Ether	2.82	73	7428	0.479 ug/L	94
18) trans-1,2-Dichloroethene	2.79	96	3544	0.491 ug/L	98
19) 1,1-Dichloroethane	3.23	63	5851	0.571 ug/L	88
21) 2-Butanone	4.07	43	8604	6.761 ug/L	90
22) cis-1,2-Dichloroethene	3.96	96	3265	0.495 ug/L	95
23) Bromochloromethane	4.30	128	1350	0.454 ug/L	96
25) Chloroform	4.43	83	6017	0.546 ug/L	94
27) 1,2-Dichloroethane	5.18	62	3794	0.562 ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	5012	0.483 ug/L	92
30) Cyclohexane	4.72	56	4675	0.517 ug/L	96
31) Carbon tetrachloride	4.87	117	4353	0.463 ug/L	95
33) Benzene	5.15	78	12167	0.515 ug/L	100
34) Trichloroethene	5.96	95	3772	0.549 ug/L	95
35) Methylcyclohexane	6.18	83	5079	0.481 ug/L	94
37) 1,2-Dichloropropane	6.23	63	3130	0.545 ug/L #	87
38) Bromodichloromethane	6.56	83	3367	0.453 ug/L #	90
39) cis-1,3-Dichloropropene	7.08	75	3935	0.483 ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	17433	5.449 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.43	91	12753	0.480	ug/L	93
44) trans-1,3-Dichloropropene	7.70	75	3045	0.458	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	2246	0.517	ug/L	85
47) Tetrachloroethene	8.02	164	3474	0.520	ug/L	95
48) 2-Hexanone	8.20	43	11070	4.874	ug/L	97
49) Dibromochloromethane	8.29	129	2164	0.407	ug/L	84
50) 1,2-Dibromoethane	8.40	107	1807	0.440	ug/L #	91
51) Chlorobenzene	8.93	112	9461	0.515	ug/L	95
52) Ethylbenzene	9.06	91	13719	0.457	ug/L	98
53) m,p-xylene	9.18	106	5279	0.451	ug/L	96
54) o-xylene	9.59	106	5080	0.442	ug/L	99
55) Styrene	9.61	104	8313	0.439	ug/L	95
56) Isopropylbenzene	9.98	105	13322	0.424	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.29	83	2410	0.482	ug/L	83
59) 1,2,3-Trichloropropane	10.32	75	1746	0.495	ug/L	98
61) Bromoform	9.78	173	1190	0.399	ug/L #	89
62) 1,3-Dichlorobenzene	11.23	146	7814	0.497	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	8468	0.533	ug/L	94
65) 1,2-Dichlorobenzene	11.69	146	7407	0.501	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	310	0.453	ug/L #	78
67) 1,3,5-Trichlorobenzene	12.70	180	6857	0.505	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	5689	0.513	ug/L	100
69) Naphthalene	13.56	128	6824	0.416	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	4785	0.466	ug/L	97

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

