

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083018\
 Data File : VV007269.D
 Acq On : 30 Aug 2018 17:54
 Operator : SY/MD
 Sample : VSTD0.568
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.568

Quant Time: Aug 31 01:35:22 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	343777	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	326680	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	140590	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	15703	0.61	ug/L	0.00
7) Chloroethane-d5	1.58	69	13122	0.64	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	28067	0.64	ug/L	0.00
20) 2-Butanone-d5	3.98	46	30203	5.04	ug/L	0.01
24) Chloroform-d	4.40	84	29662	0.59	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	14087	0.57	ug/L	0.00
32) Benzene-d6	5.10	84	54827	0.58	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	18375	0.60	ug/L	0.00
41) Toluene-d8	7.36	98	45019	0.54	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	5819	0.53	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	15908	5.16	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	12509	0.54	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	16434	0.60	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	18297	0.69	ug/L	98
3) Chloromethane	1.25	50	17966	0.62	ug/L	93
5) Vinyl chloride	1.32	62	18352	0.66	ug/L	96
6) Bromomethane	1.54	94	9414	0.88	ug/L	100
8) Chloroethane	1.60	64	10285	0.62	ug/L	94
9) Trichlorofluoromethane	1.77	101	22748	0.60	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	13906	0.59	ug/L	95
12) 1,1-Dichloroethene	2.14	96	13737	0.65	ug/L	88
13) Acetone	2.22	43	19599	6.47	ug/L	98
14) Carbon disulfide	2.32	76	46218	0.72	ug/L	98
15) Methyl Acetate	2.48	43	4465	0.55	ug/L	98
16) Methylene chloride	2.54	84	19572	0.77	ug/L	95
17) Methyl tert-butyl Ether	2.81	73	29375	0.55	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	15171	0.64	ug/L	98
19) 1,1-Dichloroethane	3.23	63	25113	0.54	ug/L	96
21) 2-Butanone	4.06	43	29311	4.75	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	15363	0.57	ug/L	97
23) Bromochloromethane	4.30	128	6479	0.54	ug/L	98
25) Chloroform	4.43	83	27505	0.58	ug/L	95
27) 1,2-Dichloroethane	5.19	62	15034	0.54	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	22618	0.59	ug/L	98
30) Cyclohexane	4.72	56	20472	0.59	ug/L	98
31) Carbon tetrachloride	4.87	117	20149	0.62	ug/L	99
33) Benzene	5.15	78	55371	0.56	ug/L	100
34) Trichloroethene	5.96	95	14986	0.61	ug/L	95
35) Methylcyclohexane	6.18	83	21226	0.58	ug/L	97
37) 1,2-Dichloropropane	6.23	63	14766	0.57	ug/L	# 97
38) Bromodichloromethane	6.56	83	17466	0.57	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	17781	0.56	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	57155	4.35	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	51772	0.53	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	14460	0.54	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	9880	0.54	ug/L	96
47) Tetrachloroethene	8.02	164	13074	0.64	ug/L	98
48) 2-Hexanone	8.20	43	37257	3.82	ug/L	99
49) Dibromochloromethane	8.30	129	11000	0.53	ug/L	88
50) 1,2-Dibromoethane	8.40	107	8473	0.54	ug/L	95
51) Chlorobenzene	8.93	112	38280	0.59	ug/L	100
52) Ethylbenzene	9.06	91	50994	0.52	ug/L	96
53) m,p-xylene	9.19	106	19293	0.52	ug/L	96
54) o-xylene	9.59	106	17442	0.50	ug/L	94
55) Styrene	9.61	104	28258	0.46	ug/L	100
56) Isopropylbenzene	9.98	105	45369	0.50	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	11490	0.54	ug/L	95
59) 1,2,3-Trichloropropane	10.32	75	8244	0.54	ug/L	96
61) Bromoform	9.78	173	6316	0.61	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	25739	0.61	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	25649	0.57	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	23878	0.56	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	1595	0.63	ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	21289	0.68	ug/L	97
68) 1,2,4-trichlorobenzene	13.32	180	16272	0.75	ug/L	97
69) Naphthalene	13.56	128	18508	0.65	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	14982	0.71	ug/L	98

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

