

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100518\
 Data File : VV008091.D
 Acq On : 05 Oct 2018 11:48
 Operator : SY/MD
 Sample : VSTD00571
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00571

Quant Time: Oct 06 00:12:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 06 00:00:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	95059	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	92198	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48457	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27783	5.35	ug/L	0.00
7) Chloroethane-d5	1.59	69	24166	5.36	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	55600	4.84	ug/L	0.00
20) 2-Butanone-d5	3.96	46	70268	46.02	ug/L	0.00
24) Chloroform-d	4.41	84	60210	5.13	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	29559	4.66	ug/L	0.00
32) Benzene-d6	5.10	84	114555	5.14	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	35449	5.03	ug/L	0.00
41) Toluene-d8	7.36	98	114817	5.09	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	13065	4.82	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	52468	44.76	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	25882	4.80	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	42627	4.55	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	33234	4.303	ug/L 100
3) Chloromethane	1.25	50	26972	3.993	ug/L 100
5) Vinyl chloride	1.33	62	30451	4.176	ug/L 100
6) Bromomethane	1.54	94	13726	3.190	ug/L 100
8) Chloroethane	1.60	64	19391	4.354	ug/L 100
9) Trichlorofluoromethane	1.77	101	51244	4.278	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	30651	4.468	ug/L 100
12) 1,1-Dichloroethene	2.15	96	26195	4.305	ug/L 100
13) Acetone	2.21	43	43819	40.370	ug/L 100
14) Carbon disulfide	2.32	76	63711	3.893	ug/L 100
15) Methyl Acetate	2.47	43	11325	4.028	ug/L 100
16) Methylene chloride	2.54	84	28411	4.166	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	65113	4.302	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	28185	4.203	ug/L 100
19) 1,1-Dichloroethane	3.23	63	53537	4.629	ug/L 100
21) 2-Butanone	4.05	43	73701	42.246	ug/L 100
22) cis-1,2-Dichloroethene	3.97	96	31941	4.631	ug/L 100
23) Bromochloromethane	4.30	128	14991	4.924	ug/L 100
25) Chloroform	4.43	83	58411	4.643	ug/L 100
27) 1,2-Dichloroethane	5.19	62	34325	4.317	ug/L 100
29) 1,1,1-Trichloroethane	4.66	97	50966	4.657	ug/L 100
30) Cyclohexane	4.73	56	41579	4.136	ug/L 100
31) Carbon tetrachloride	4.88	117	45466	4.704	ug/L 100
33) Benzene	5.15	78	118037	4.553	ug/L 100
34) Trichloroethene	5.96	95	32382	4.377	ug/L 100
35) Methylcyclohexane	6.18	83	45660	4.170	ug/L 100
37) 1,2-Dichloropropane	6.23	63	31182	4.660	ug/L 100
38) Bromodichloromethane	6.56	83	37996	4.747	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	40516	4.553	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	181217	43.619	ug/L 100

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42) Toluene	7.43	91	128711	4.562	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	33385	4.531	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	22529	4.646	ug/L	100
47) Tetrachloroethene	8.02	164	29803	4.358	ug/L	100
48) 2-Hexanone	8.19	43	129806	44.934	ug/L	100
49) Dibromochloromethane	8.29	129	27292	4.904	ug/L	100
50) 1,2-Dibromoethane	8.40	107	20610	4.696	ug/L	100
51) Chlorobenzene	8.93	112	88086	4.509	ug/L	100
52) Ethylbenzene	9.06	91	138834	4.436	ug/L	100
53) m,p-xylene	9.18	106	53565	4.479	ug/L	100
54) o-xylene	9.59	106	50568	4.396	ug/L	100
55) Styrene	9.61	104	89340	4.536	ug/L	100
56) Isopropylbenzene	9.98	105	139562	4.479	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	25890	4.579	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	18624	4.504	ug/L	100
61) Bromoform	9.78	173	15262	5.117	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	71505	4.530	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	73917	4.496	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	69113	4.621	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	3736	4.861	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	61513	4.544	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	47486	4.196	ug/L	100
69) Naphthalene	13.56	128	59091	3.820	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	45051	4.390	ug/L	100

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

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