

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072318\
 Data File : VV006696.D
 Acq On : 23 Jul 2018 13:18
 Operator : SY/MD
 Sample : VSTD0.575
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.575

Quant Time: Jul 24 02:05:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 24 02:05:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	335388	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	304997	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	135003	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	8216	0.47	ug/L	0.00
7) Chloroethane-d5	1.58	69	6939	0.51	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	17131	0.50	ug/L	0.00
20) 2-Butanone-d5	3.95	46	22934	4.21	ug/L	0.00
24) Chloroform-d	4.40	84	14692	0.45	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	7528	0.47	ug/L	0.00
32) Benzene-d6	5.10	84	29511	0.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	10060	0.47	ug/L	0.00
41) Toluene-d8	7.36	98	25186	0.46	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	3019	0.44	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	16428	3.75	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	7686	0.44	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	9817	0.49	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	15504	0.582 ug/L #	86
3) Chloromethane	1.26	50	12960	0.506 ug/L	98
5) Vinyl chloride	1.32	62	16548	0.516 ug/L #	67
6) Bromomethane	1.54	94	5756	0.733 ug/L	93
8) Chloroethane	1.60	64	10066	0.573 ug/L	92
9) Trichlorofluoromethane	1.77	101	19506	0.530 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	11403	0.508 ug/L	98
12) 1,1-Dichloroethene	2.14	96	11626	0.529 ug/L	95
13) Acetone	2.19	43	18269	5.265 ug/L	98
14) Carbon disulfide	2.32	76	39002	0.528 ug/L	97
15) Methyl Acetate	2.46	43	5521	0.537 ug/L	96
16) Methylene chloride	2.54	84	15031	0.597 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	27954	0.519 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	12680	0.531 ug/L	97
19) 1,1-Dichloroethane	3.23	63	23277	0.530 ug/L	99
21) 2-Butanone	4.04	43	29245	5.032 ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	12708	0.511 ug/L	96
23) Bromochloromethane	4.30	128	5253	0.513 ug/L	98
25) Chloroform	4.43	83	22442	0.545 ug/L	94
27) 1,2-Dichloroethane	5.19	62	12648	0.523 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	16959	0.517 ug/L	99
30) Cyclohexane	4.72	56	18153	0.494 ug/L	99
31) Carbon tetrachloride	4.88	117	14426	0.514 ug/L	100
33) Benzene	5.15	78	47257	0.515 ug/L	100
34) Trichloroethene	5.96	95	12249	0.529 ug/L	98
35) Methylcyclohexane	6.18	83	18730	0.484 ug/L	97
37) 1,2-Dichloropropane	6.23	63	12586	0.535 ug/L	100
38) Bromodichloromethane	6.56	83	13484	0.513 ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	14431	0.471 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	62199	4.807 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	47294	0.501	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	10937	0.454	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	8084	0.510	ug/L	94
47) Tetrachloroethene	8.02	164	9276	0.505	ug/L	98
48) 2-Hexanone	8.19	43	40330	4.467	ug/L	98
49) Dibromochloromethane	8.30	129	7937	0.473	ug/L	94
50) 1,2-Dibromoethane	8.40	107	7077	0.500	ug/L	100
51) Chlorobenzene	8.93	112	31933	0.520	ug/L	99
52) Ethylbenzene	9.06	91	49042	0.487	ug/L	96
53) m,p-xylene	9.19	106	18272	0.481	ug/L	98
54) o-xylene	9.59	106	17094	0.462	ug/L	98
55) Styrene	9.61	104	27390	0.439	ug/L	99
56) Isopropylbenzene	9.98	105	43745	0.455	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	9826	0.507	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	7076	0.511	ug/L	96
61) Bromoform	9.78	173	4186	0.510	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	21401	0.513	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	22431	0.527	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	21117	0.519	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.49	75	1238	0.509	ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	15678	0.492	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	11952	0.472	ug/L	96
69) Naphthalene	13.56	128	18866	0.436	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	11216	0.468	ug/L	94

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

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