

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006805.D
 Acq On : 02 Aug 2018 13:23
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV75

Quant Time: Aug 03 01:32:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 03 01:30:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	262696	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	239810	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107714	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97098	5.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.80%
7) Chloroethane-d5	1.58	69	82405	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.13	63	173712	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.00%
20) 2-Butanone-d5	3.97	46	262769	59.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.10%
24) Chloroform-d	4.41	84	168495	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.09	65	88662	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.10	84	343763	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.12	67	113097	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.37	98	314132	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
43) trans-1,3-Dichloropropene-	7.67	79	41147	5.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.80%
46) 2-Hexanone-d5	8.14	63	200618	59.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.20%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	90555	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	108311	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	106022	5.05	ug/L 99
3) Chloromethane	1.25	50	125254	4.13	ug/L 99
5) Vinyl chloride	1.32	62	117793	5.00	ug/L 97
6) Bromomethane	1.54	94	28240	4.81	ug/L 98
8) Chloroethane	1.60	64	75443	4.76	ug/L 95
9) Trichlorofluoromethane	1.77	101	144892	5.03	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	91463	5.05	ug/L 100
12) 1,1-Dichloroethene	2.14	96	83727	4.99	ug/L 94
13) Acetone	2.20	43	163491	52.54	ug/L 99
14) Carbon disulfide	2.32	76	253380	5.09	ug/L 98
15) Methyl Acetate	2.47	43	47045	5.02	ug/L 99
16) Methylene chloride	2.54	84	94166	4.69	ug/L 97
17) Methyl tert-butyl Ether	2.82	73	234721	5.21	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	91209	4.99	ug/L 97
19) 1,1-Dichloroethane	3.23	63	175611	5.14	ug/L 99
21) 2-Butanone	4.05	43	267136	56.17	ug/L 99
22) cis-1,2-Dichloroethene	3.97	96	98530	5.02	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	44725	5.24	ug/L	99
25) Chloroform	4.44	83	166345	5.01	ug/L	98
27) 1,2-Dichloroethane	5.19	62	105923	5.24	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	141410	5.09	ug/L	99
30) Cyclohexane	4.73	56	143575	4.99	ug/L	96
31) Carbon tetrachloride	4.88	117	116547	5.09	ug/L	100
33) Benzene	5.15	78	373711	5.07	ug/L	100
34) Trichloroethene	5.96	95	93210	4.97	ug/L	98
35) Methylcyclohexane	6.18	83	151752	5.10	ug/L	98
37) 1,2-Dichloropropane	6.23	63	100386	5.20	ug/L #	97
38) Bromodichloromethane	6.57	83	113782	5.17	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	129601	5.19	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	597966	55.93	ug/L	99
42) Toluene	7.44	91	374752	5.17	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	105751	5.15	ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	72343	5.18	ug/L	96
47) Tetrachloroethene	8.03	164	76422	5.12	ug/L	96
48) 2-Hexanone	8.20	43	429596	59.21	ug/L	99
49) Dibromochloromethane	8.30	129	75336	5.34	ug/L	96
50) 1,2-Dibromoethane	8.40	107	64485	5.42	ug/L	97
51) Chlorobenzene	8.93	112	244749	5.25	ug/L	100
52) Ethylbenzene	9.06	91	384602	5.08	ug/L	97
53) m,p-xylene	9.19	106	143596	5.11	ug/L	97
54) o-xylene	9.59	106	141954	5.00	ug/L	95
55) Styrene	9.61	104	226187	5.08	ug/L	100
56) Isopropylbenzene	9.98	105	370020	5.13	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	88516	5.24	ug/L	98
59) 1,2,3-Trichloropropane	10.33	75	64109	5.40	ug/L	99
61) Bromoform	9.78	173	39433	5.38	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	177134	5.20	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	173068	5.14	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	174602	5.23	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	13081	5.63	ug/L	93
67) 1,3,5-Trichlorobenzene	12.70	180	133812	5.11	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	110886	5.45	ug/L	99
69) Naphthalene	13.56	128	203390	5.74	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	107739	5.49	ug/L	99

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

