

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
 Data File : VV007518.D
 Acq On : 13 Sep 2018 19:16
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV70

Quant Time: Sep 14 04:45:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 14 04:44:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	133332	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	122715	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66890	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33366	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.59	69	27392	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.14	63	70750	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.60%
20) 2-Butanone-d5	3.96	46	51170	52.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.34%
24) Chloroform-d	4.41	84	70209	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.09	65	35452	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.10	84	137502	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.12	67	40443	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.36	98	141584	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.67	79	18833	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.15	63	32763	53.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.90%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	28299	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	59316	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	36048	4.995 ug/L	99
3) Chloromethane	1.25	50	30459	4.856 ug/L	98
5) Vinyl chloride	1.32	62	35313	5.042 ug/L	97
6) Bromomethane	1.54	94	25186	5.039 ug/L	96
8) Chloroethane	1.60	64	20992	4.918 ug/L	95
9) Trichlorofluoromethane	1.77	101	68303	4.944 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	37623	4.991 ug/L	98
12) 1,1-Dichloroethene	2.14	96	33238	4.912 ug/L	94
13) Acetone	2.21	43	26037	41.038 ug/L	94
14) Carbon disulfide	2.32	76	101159	5.110 ug/L	100
15) Methyl Acetate	2.47	43	8490	4.882 ug/L	96
16) Methylene chloride	2.54	84	33065	4.520 ug/L	98
17) Methyl tert-butyl Ether	2.82	73	79215	4.866 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	35938	4.881 ug/L	99
19) 1,1-Dichloroethane	3.23	63	53745	5.007 ug/L	99
21) 2-Butanone	4.05	43	51038	47.953 ug/L	93
22) cis-1,2-Dichloroethene	3.97	96	35846	4.940 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	16186	5.088	ug/L	97
25) Chloroform	4.43	83	61097	4.981	ug/L	99
27) 1,2-Dichloroethane	5.19	62	34694	4.913	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	58458	4.898	ug/L	98
30) Cyclohexane	4.73	56	51537	4.953	ug/L	98
31) Carbon tetrachloride	4.88	117	55339	4.942	ug/L	100
33) Benzene	5.15	78	126106	4.976	ug/L	100
34) Trichloroethene	5.96	95	39387	5.068	ug/L	98
35) Methylcyclohexane	6.18	83	61567	5.130	ug/L	100
37) 1,2-Dichloropropane	6.23	63	31015	4.967	ug/L	99
38) Bromodichloromethane	6.56	83	44260	4.887	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	50563	5.093	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	175849	51.006	ug/L	99
42) Toluene	7.44	91	145557	4.972	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	40624	4.974	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	22998	4.932	ug/L	98
47) Tetrachloroethene	8.02	164	35309	5.060	ug/L	97
48) 2-Hexanone	8.20	43	134830	51.512	ug/L	93
49) Dibromochloromethane	8.30	129	33703	5.078	ug/L	98
50) 1,2-Dibromoethane	8.40	107	23519	5.194	ug/L #	93
51) Chlorobenzene	8.93	112	99346	5.046	ug/L	99
52) Ethylbenzene	9.06	91	164692	4.994	ug/L	98
53) m,p-xylene	9.19	106	63794	4.993	ug/L	98
54) o-xylene	9.59	106	62988	5.035	ug/L	98
55) Styrene	9.61	104	104107	5.108	ug/L	98
56) Isopropylbenzene	9.98	105	170508	5.019	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	23542	5.154	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	18867	4.941	ug/L	95
61) Bromoform	9.78	173	19282	4.856	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	85246	5.044	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	87252	5.164	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	78795	5.010	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	4286	5.297	ug/L	93
67) 1,3,5-Trichlorobenzene	12.70	180	70693	5.360	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	55358	5.828	ug/L	99
69) Naphthalene	13.56	128	71848	6.249	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	49165	5.677	ug/L	99

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

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ALS Vial  : 9   Sample Multiplier: 1
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