

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120518\
 Data File : VV008840.D
 Acq On : 05 Dec 2018 12:14
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV69

Quant Time: Dec 06 04:54:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR120518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 06 04:51:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	133603	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	125154	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63007	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31317	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.59	69	23935	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.14	63	65408	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.20%
20) 2-Butanone-d5	3.98	46	85167	48.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.80%
24) Chloroform-d	4.41	84	77183	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.09	65	37289	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.10	84	152391	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.12	67	44921	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.36	98	146150	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.67	79	17378	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.14	63	70648	51.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	30026	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	53676	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	63128	4.974 ug/L	99
3) Chloromethane	1.25	50	41899	4.983 ug/L	98
5) Vinyl chloride	1.32	62	43075	5.027 ug/L	100
6) Bromomethane	1.54	94	26406	5.257 ug/L	95
8) Chloroethane	1.60	64	24343	5.057 ug/L	98
9) Trichlorofluoromethane	1.77	101	71139	5.152 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	38421	5.114 ug/L	99
12) 1,1-Dichloroethene	2.14	96	32776	5.007 ug/L	95
13) Acetone	2.24	43	50144	51.192 ug/L	71
14) Carbon disulfide	2.32	76	102385	5.197 ug/L	99
15) Methyl Acetate	2.48	43	11283	5.215 ug/L	94
16) Methylene chloride	2.54	84	34523	4.883 ug/L	94
17) Methyl tert-butyl Ether	2.81	73	80877	5.032 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	35968	5.027 ug/L	92
19) 1,1-Dichloroethane	3.23	63	81880	5.236 ug/L	99
21) 2-Butanone	4.07	43	95750	52.051 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	51830	5.292 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	21358	5.155	ug/L	95
25) Chloroform	4.43	83	85150	5.024	ug/L	100
27) 1,2-Dichloroethane	5.19	62	49922	5.161	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	76097	5.134	ug/L	98
30) Cyclohexane	4.72	56	76500	5.370	ug/L	100
31) Carbon tetrachloride	4.87	117	68505	5.135	ug/L	99
33) Benzene	5.15	78	187501	5.269	ug/L	100
34) Trichloroethene	5.96	95	53169	5.137	ug/L	99
35) Methylcyclohexane	6.18	83	84444	5.158	ug/L	98
37) 1,2-Dichloropropane	6.23	63	46333	5.313	ug/L	99
38) Bromodichloromethane	6.56	83	55644	5.185	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	64325	5.263	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	235520	53.240	ug/L	99
42) Toluene	7.43	91	200077	5.209	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	50873	5.366	ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	30656	5.007	ug/L	96
47) Tetrachloroethene	8.02	164	43569	5.247	ug/L	95
48) 2-Hexanone	8.19	43	169141	54.239	ug/L	99
49) Dibromochloromethane	8.29	129	37842	5.284	ug/L	98
50) 1,2-Dibromoethane	8.40	107	30719	5.354	ug/L	100
51) Chlorobenzene	8.93	112	131885	5.218	ug/L	98
52) Ethylbenzene	9.06	91	222298	5.301	ug/L	99
53) m,p-xylene	9.18	106	85336	5.327	ug/L	100
54) o-xylene	9.59	106	80823	5.290	ug/L	99
55) Styrene	9.60	104	136543	5.402	ug/L	99
56) Isopropylbenzene	9.98	105	221255	5.352	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	33481	5.419	ug/L	95
59) 1,2,3-Trichloropropane	10.32	75	26464	5.084	ug/L	96
61) Bromoform	9.78	173	18589	4.959	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	103450	5.078	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	106902	5.133	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	97301	5.171	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	5011	5.305	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	81555	5.378	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	63428	5.630	ug/L	99
69) Naphthalene	13.56	128	97767	5.977	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	59978	5.688	ug/L	98

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

