

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV053118\
 Data File : VV006119.D
 Acq On : 31 May 2018 20:57
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV61

Manual Integrations
 APPROVED

MMDadoda
 6/4/2018 10:48:27 AM

Quant Time: Jun 01 09:53:14 2018
 Quant Method : W:\HPCHEM1\MSVOA V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 01 09:40:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	296324	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	266968	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	127731	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80403	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.58	69	66490	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.13	63	162150	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.20%
20) 2-Butanone-d5	3.98	46	196769	57.26	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.52%
24) Chloroform-d	4.41	84	159445	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.09	65	77396	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.11	84	324715	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.12	67	97679	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.36	98	306598	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.67	79	42932	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
46) 2-Hexanone-d5	8.14	63	197454	52.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.98%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	71303	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	113841	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

					Ovalue	
2) Dichlorodifluoromethane	1.14	85	117574m	5.21	ug/L	
3) Chloromethane	1.26	50	103747	5.50	ug/L	98
5) Vinyl chloride	1.32	62	119667	5.24	ug/L	99
6) Bromomethane	1.54	94	67014	5.52	ug/L	96
8) Chloroethane	1.60	64	67055	5.25	ug/L	99
9) Trichlorofluoromethane	1.77	101	156067	5.26	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	93908	5.13	ug/L	99
12) 1,1-Dichloroethene	2.14	96	87886	5.17	ug/L	97
13) Acetone	2.23	43	119239	64.03	ug/L	98
14) Carbon disulfide	2.32	76	301446	5.29	ug/L	100
15) Methyl Acetate	2.48	43	33162	5.98	ug/L	97
16) Methylene chloride	2.54	84	90675	4.83	ug/L	99
17) Methyl tert-butyl Ether	2.82	73	222504	5.29	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	96838	5.22	ug/L	99
19) 1,1-Dichloroethane	3.23	63	162052	5.19	ug/L	99
21) 2-Butanone	4.06	43	197359	58.26	ug/L	95
22) cis-1,2-Dichloroethene	3.97	96	104091	5.18	ug/L #	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	42427	5.27	ug/L	98
25) Chloroform	4.44	83	168471	5.23	ug/L	99
27) 1,2-Dichloroethane	5.19	62	98177	5.31	ug/L	99
29) 1,1,1-Trichloroethane	4.67	97	152460	5.17	ug/L	99
30) Cyclohexane	4.73	56	157330	5.19	ug/L	99
31) Carbon tetrachloride	4.88	117	134254	5.16	ug/L	99
33) Benzene	5.15	78	381788	5.19	ug/L	100
34) Trichloroethene	5.96	95	104289	5.19	ug/L	99
35) Methylcyclohexane	6.18	83	179299	5.19	ug/L	98
37) 1,2-Dichloropropane	6.23	63	90607	5.14	ug/L	100
38) Bromodichloromethane	6.56	83	122200	5.20	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	148912	5.18	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	485515	53.23	ug/L	99
42) Toluene	7.44	91	420755	5.18	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	122198	5.24	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	63664	5.10	ug/L	97
47) Tetrachloroethene	8.02	164	84608	5.26	ug/L	98
48) 2-Hexanone	8.20	43	344302	53.71	ug/L	99
49) Dibromochloromethane	8.30	129	81680	5.20	ug/L	98
50) 1,2-Dibromoethane	8.40	107	60981	5.24	ug/L	99
51) Chlorobenzene	8.93	112	273814	5.25	ug/L	99
52) Ethylbenzene	9.06	91	474022	5.24	ug/L	100
53) m,p-xylene	9.19	106	183138	5.19	ug/L	100
54) o-xylene	9.59	106	181524	5.26	ug/L	99
55) Styrene	9.61	104	299838	5.28	ug/L	99
56) Isopropylbenzene	9.98	105	475981	5.23	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.30	83	73005	5.11	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	52960	5.33	ug/L	99
61) Bromoform	9.78	173	46046	5.31	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	213618	5.31	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	210936	5.30	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	197488	5.32	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	13106	5.37	ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	165975	5.36	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	133916	5.59	ug/L	100
69) Naphthalene	13.56	128	234485	5.82	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	124326	5.65	ug/L	100

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

