Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071918\
Data File : VV006643.D
Acq On : 19 Jul 2018 14:51
Operator : SY/MD
Sample : VSTDICV005
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV69

Manual Integrations APPROVED
apatel
7/20/2018 12:32:58 PM

Quant Time: Jul 20 05:12:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 20 05:09:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	269656	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	246602	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	118155	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	99073	5.24	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.80%			
7) Chloroethane-d5	1.58	69	70729	5.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 110.80%			
11) 1,1-Dichloroethene-d2	2.13	63	185997	5.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.20%			
20) 2-Butanone-d5	3.95	46	212913	51.80	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.60%			
24) Chloroform-d	4.41	84	165238	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.80%			
26) 1,2-Dichloroethane-d4	5.09	65	76944	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.40%			
32) Benzene-d6	5.10	84	351128	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.80%			
36) 1,2-Dichloropropane-d6	6.12	67	106590	5.13	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.60%			
41) Toluene-d8	7.36	98	326123	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.80%			
43) trans-1,3-Dichloropropene-	7.67	79	37802	5.36	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.20%			
46) 2-Hexanone-d5	8.14	63	190500	54.22	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.44%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	76995	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	111918	5.26	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	130698m	5.10	ug/L	
3) Chloromethane	1.26	50	113004	5.21	ug/L	99
5) Vinyl chloride	1.32	62	142547	5.09	ug/L	99
6) Bromomethane	1.53	94	34974	4.40	ug/L	98
8) Chloroethane	1.59	64	81073	5.04	ug/L	98
9) Trichlorofluoromethane	1.77	101	170995	5.09	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	108343	5.14	ug/L	98
12) 1,1-Dichloroethene	2.14	96	99847	5.00	ug/L	97
13) Acetone	2.20	43	157979	50.12	ug/L	99
14) Carbon disulfide	2.32	76	328651	5.08	ug/L	100
15) Methyl Acetate	2.47	43	46466	5.02	ug/L	98
16) Methylene chloride	2.54	84	110984	4.42	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	256376	5.20	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	113682	5.17	ug/L	99
19) 1,1-Dichloroethane	3.23	63	198212	5.10	ug/L	100
21) 2-Butanone	4.04	43	268966	50.94	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	118303	5.14	ug/L	99

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 20 05:09:32 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	48301	5.15	ug/L	96
25) Chloroform	4.44	83	192465	5.14	ug/L	98
27) 1,2-Dichloroethane	5.19	62	112458	5.14	ug/L	100
29) 1,1,1-Trichloroethane	4.67	97	159353	5.17	ug/L	99
30) Cyclohexane	4.73	56	181060	5.25	ug/L	100
31) Carbon tetrachloride	4.88	117	136073	5.16	ug/L	100
33) Benzene	5.15	78	452687	5.22	ug/L	100
34) Trichloroethene	5.96	95	114741	5.23	ug/L	98
35) Methylcyclohexane	6.18	83	194017	5.30	ug/L	100
37) 1,2-Dichloropropane	6.23	63	113830	5.14	ug/L	99
38) Bromodichloromethane	6.56	83	126952	5.16	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	154838	5.32	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	634885	53.07	ug/L	99
42) Toluene	7.44	91	473830	5.29	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	122160	5.40	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	76709	5.15	ug/L	99
47) Tetrachloroethene	8.02	164	91871	5.21	ug/L	99
48) 2-Hexanone	8.19	43	452061	54.06	ug/L	99
49) Dibromochloromethane	8.30	129	82199	5.21	ug/L	99
50) 1,2-Dibromoethane	8.40	107	70260	5.25	ug/L	99
51) Chlorobenzene	8.93	112	304189	5.22	ug/L	99
52) Ethylbenzene	9.06	91	509990	5.30	ug/L	100
53) m,p-xylene	9.19	106	197065	5.38	ug/L	98
54) o-xylene	9.59	106	188174	5.27	ug/L	98
55) Styrene	9.61	104	326958	5.47	ug/L	98
56) Isopropylbenzene	9.98	105	499036	5.33	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	93229	5.22	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	66801	5.12	ug/L	99
61) Bromoform	9.78	173	41866	5.13	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	223244	5.19	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	228663	5.23	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	215914	5.23	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	12219	4.99	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	174502	5.25	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	139719	5.29	ug/L	99
69) Naphthalene	13.56	128	250690	5.49	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	133375	5.37	ug/L	100

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

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