Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061818\
Data File : VV006345.D
Acq On : 18 Jun 2018 18:42
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00571

Manual Integrations APPROVED
MMDadoda
6/19/2018 6:15:34 PM

Quant Time: Jun 19 02:15:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 19 02:03:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	343762	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	314420	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	155030	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	90495	4.82	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.40%			
7) Chloroethane-d5	1.58	69	68493	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.20%			
11) 1,1-Dichloroethene-d2	2.13	63	173291	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.00%			
20) 2-Butanone-d5	3.96	46	191576	48.06	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.12%			
24) Chloroform-d	4.41	84	163116	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
26) 1,2-Dichloroethane-d4	5.09	65	77826	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.60%			
32) Benzene-d6	5.10	84	334636	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.60%			
36) 1,2-Dichloropropane-d6	6.12	67	99528	4.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.60%			
41) Toluene-d8	7.36	98	321840	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
43) trans-1,3-Dichloropropene-	7.67	79	36532	3.59	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.80%			
46) 2-Hexanone-d5	8.14	63	175209	39.92	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.84%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	67378	4.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	118512	4.41	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	136506m	5.214	ug/L	
3) Chloromethane	1.26	50	130041	5.939	ug/L	99
5) Vinyl chloride	1.32	62	143719	5.421	ug/L	99
6) Bromomethane	1.54	94	74061	5.259	ug/L	97
8) Chloroethane	1.60	64	79794	5.384	ug/L	99
9) Trichlorofluoromethane	1.77	101	181892	5.288	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	113400	5.342	ug/L	99
12) 1,1-Dichloroethene	2.14	96	105834	5.365	ug/L	86
13) Acetone	2.21	43	139201	64.438	ug/L	95
14) Carbon disulfide	2.32	76	298130	4.511	ug/L	100
15) Methyl Acetate	2.47	43	37622	5.852	ug/L	97
16) Methylene chloride	2.54	84	110839	5.089	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	250887	5.140	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	116408	5.408	ug/L	96
19) 1,1-Dichloroethane	3.23	63	193658	5.350	ug/L	100
21) 2-Butanone	4.04	43	224972	57.245	ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	122427	5.257	ug/L #	98

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	49153	5.262 ug/L	97
25) Chloroform	4.43	83	199749	5.343 ug/L	98
27) 1,2-Dichloroethane	5.19	62	113600	5.292 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	168943	4.864 ug/L	100
30) Cyclohexane	4.73	56	176712	4.946 ug/L	98
31) Carbon tetrachloride	4.88	117	141836	4.629 ug/L	99
33) Benzene	5.15	78	452482	5.220 ug/L	100
34) Trichloroethene	5.96	95	125902	5.321 ug/L	97
35) Methylcyclohexane	6.18	83	209729	5.157 ug/L	99
37) 1,2-Dichloropropane	6.23	63	107574	5.180 ug/L	100
38) Bromodichloromethane	6.56	83	125442	4.536 ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	155180	4.584 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	538292	50.114 ug/L	99
42) Toluene	7.44	91	492204	5.144 ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	121997	4.443 ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	76611	5.212 ug/L	99
47) Tetrachloroethene	8.02	164	102246	5.399 ug/L	99
48) 2-Hexanone	8.19	43	385838	51.110 ug/L	98
49) Dibromochloromethane	8.30	129	80291	4.338 ug/L	99
50) 1,2-Dibromoethane	8.40	107	70425	5.142 ug/L	99
51) Chlorobenzene	8.93	112	323483	5.266 ug/L	100
52) Ethylbenzene	9.06	91	547099	5.132 ug/L	99
53) m,p-xylene	9.19	106	213245	5.127 ug/L	100
54) o-xylene	9.59	106	206093	5.067 ug/L	100
55) Styrene	9.61	104	344092	5.143 ug/L	98
56) Isopropylbenzene	9.98	105	545293	5.091 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	74317	4.414 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	60261	5.150 ug/L	100
61) Bromoform	9.78	173	39625	3.767 ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	250380	5.126 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	251658	5.209 ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	234903	5.213 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	9943	3.357 ug/L	93
67) 1,3,5-Trichlorobenzene	12.70	180	195810	5.209 ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	151551	5.214 ug/L	100
69) Naphthalene	13.56	128	234057	4.786 ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	141568	5.301 ug/L	100

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

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