Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082118\
Data File : BG036324.D
Acq On : 21 Aug 2018 12:54
Operator : JU/SJ
Sample : SSTD00512
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00512

Manual Integrations APPROVED
Sohil
8/22/2018 6:07:07 PM

Quant Time: Aug 21 17:33:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG082118MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 21 17:19:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	40883	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	174277	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	115345	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	295609	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	329816	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	344720	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	2887	2.63	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.60	132	14254	6.11	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.23	128	4447	4.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	3964	3.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	14353	4.60	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	50130	5.11	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	62268	5.26	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.69	176	45655	5.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.54	188	76114m	5.56	ng/ul	0.00
79) Pyrene-d10	19.82	212	88240	5.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	93037	5.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	2333	1.727	ng/uL	99
10) 2-Chlorophenol	7.64	128	13838	5.933	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.88	70	13805	4.119	ng/ul#	77
17) Hexachloroethane	9.16	117	5876	5.121	ng/ul#	82
20) Nitrobenzene	9.27	77	11939	2.979	ng/ul	96
21) Isophorone	9.80	82	39308	4.040	ng/ul	97
23) 2-Nitrophenol	9.99	139	3695	3.331	ng/ul#	80
24) 2,4-Dimethylphenol	10.04	107	19067	4.317	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.29	93	21310	4.607	ng/ul#	91
27) 2,4-Dichlorophenol	10.52	162	13074	4.788	ng/ul#	92
28) Naphthalene	10.93	128	48201	5.484	ng/ul	96
31) Hexachlorobutadiene	11.23	225	10945	4.098	ng/ul	91
33) 4-Chloro-3-methylphenol	12.14	107	16495	4.335	ng/ul	96
34) 2-Methylnaphthalene	12.54	142	35783	5.326	ng/ul	98
35) 1-Methylnaphthalene	12.75	142	35390	5.430	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	21127	4.525	ng/ul#	86
39) 2,4,6-Trichlorophenol	13.13	196	11137	4.550	ng/ul	94
40) 2,4,5-Trichlorophenol	13.19	196	11977	4.390	ng/ul	97
41) 1,1'-Biphenyl	13.53	154	46688	5.449	ng/ul	98
42) 2-Chloronaphthalene	13.58	162	35452	5.264	ng/ul	95
43) 2-Nitroaniline	13.76	65	5688	2.830	ng/ul	88
45) Dimethylphthalate	14.15	163	49131	5.095	ng/ul	97
46) 2,6-Dinitrotoluene	14.26	165	4368	3.343	ng/ul#	95

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48) Acenaphthylene	14.42	152	57016	5.538	ng/ul	100
50) Acenaphthene	14.76	153	39493	5.348	ng/ul	96
54) Dibenzofuran	15.10	168	57534	5.443	ng/ul	100
55) 2,4-Dinitrotoluene	15.04	165	5645	3.181	ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.31	232	10512	4.803	ng/ul#	87
57) Diethylphthalate	15.51	149	51135	5.368	ng/ul	97
59) Fluorene	15.74	166	46685	5.096	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.74	204	26826	4.837	ng/ul	96
65) N-Nitrosodiphenylamine	15.95	169	43252	5.581	ng/ul	99
66) 4-Bromophenyl-phenylether	16.64	248	16263	4.749	ng/ul	94
67) Hexachlorobenzene	16.75	284	17362	4.807	ng/ul#	90
70) Phenanthrene	17.48	178	79719	5.398	ng/ul	99
72) Anthracene	17.57	178	83018	5.608	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	22220	4.736	ng/uL	90
74) Pentachlorobenzene	15.01	250	20680	5.021	ng/uL	93
76) Di-n-butylphthalate	18.41	149	91159	6.532	ng/ul	99
80) Pyrene	19.84	202	105113	5.087	ng/ul#	93
81) Butylbenzylphthalate	20.74	149	37407	6.059	ng/ul	90
83) Benzo(a)anthracene	21.69	228	108399	5.158	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	59532	6.919	ng/ul	98
85) Chrysene	21.75	228	100415	5.129	ng/ul	99
88) Benzo(b)fluoranthene	23.91	252	103631m	4.749	ng/ul	
89) Benzo(k)fluoranthene	23.98	252	97929	4.708	ng/ul	100
91) Benzo(a)pyrene	24.78	252	97422	4.767	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	28.59	276	114970m	4.910	ng/ul	
93) Dibenzo(a,h)anthracene	28.67	278	93251	4.831	ng/ul	97
94) Benzo(g,h,i)perylene	29.73	276	95088	4.907	ng/ul#	93

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

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