Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111615\
Data File : BG019639.D
Acq On : 16 Nov 2015 18:00
Operator : UM/NP
Sample : SSTD00521
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00521

Manual Integrations APPROVED
mmdadoda
11/17/2015 5:52:57 PM

Quant Time: Nov 17 00:40:21 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 17 00:05:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	17293	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	73022	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	62026	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	186502	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	256049	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	243852	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	1038	2.79	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	7.68	132	6695	6.60	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.32	128	3389	6.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	3497	5.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	8289	5.99	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.18	166	32299	6.23	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	35542	6.24	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.77	176	29573	6.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.62	188	53370	6.23	ng/ul	0.00
79) Pyrene-d10	19.89	212	69010	6.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	71610	5.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	1199	2.88	ng/uL#	83
10) 2-Chlorophenol	7.71	128	6305	6.14	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.95	70	9312	6.50	ng/ul#	95
17) Hexachloroethane	9.25	117	3162m	5.88	ng/ul	
20) Nitrobenzene	9.37	77	12393	5.90	ng/ul	94
21) Isophorone	9.88	82	23538	6.11	ng/ul	99
23) 2-Nitrophenol	10.09	139	3975	5.52	ng/ul#	79
24) 2,4-Dimethylphenol	10.14	107	11010	5.84	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.36	93	11468	6.24	ng/ul	92
27) 2,4-Dichlorophenol	10.62	162	7830	5.97	ng/ul	97
28) Naphthalene	11.03	128	23678	6.44	ng/ul	97
31) Hexachlorobutadiene	11.31	225	7162	5.43	ng/ul	90
33) 4-Chloro-3-methylphenol	12.25	107	10508	5.90	ng/ul	91
34) 2-Methylnaphthalene	12.62	142	17588	5.93	ng/ul	99
35) 1-Methylnaphthalene	12.84	142	17651	6.30	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.99	216	14984	5.93	ng/ul	93
39) 2,4,6-Trichlorophenol	13.23	196	8452	5.64	ng/ul	100
40) 2,4,5-Trichlorophenol	13.30	196	8589	5.24	ng/ul	95
41) 1,1'-Biphenyl	13.62	154	27653	6.32	ng/ul	96
42) 2-Chloronaphthalene	13.67	162	21141	6.15	ng/ul	99
43) 2-Nitroaniline	13.86	65	8271	5.65	ng/ul	93
45) Dimethylphthalate	14.23	163	33152	6.27	ng/ul	97
46) 2,6-Dinitrotoluene	14.35	165	6178	5.83	ng/ul	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	14.51	152	35143	6.02	ng/ul#	95
50) Acenaphthene	14.85	153	24612	6.24	ng/ul	97
54) Dibenzofuran	15.18	168	35332	6.12	ng/ul	93
55) 2,4-Dinitrotoluene	15.14	165	9177	5.45	ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.40	232	8796	5.12	ng/ul#	87
57) Diethylphthalate	15.58	149	33039	6.33	ng/ul	97
59) Fluorene	15.83	166	31287	6.21	ng/ul	93
60) 4-Chlorophenyl-phenylether	15.81	204	18988	6.36	ng/ul	91
65) N-Nitrosodiphenylamine	16.02	169	28356	5.88	ng/ul	94
66) 4-Bromophenyl-phenylether	16.71	248	12462	5.66	ng/ul	97
67) Hexachlorobenzene	16.83	284	13514	5.78	ng/ul#	84
70) Phenanthrene	17.57	178	58685	6.21	ng/ul	98
72) Anthracene	17.66	178	58496	6.07	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.59	216	14024	5.31	ng/uL	98
74) Pentachlorobenzene	15.10	250	15798	5.87	ng/uL#	88
76) Di-n-butylphthalate	18.46	149	60888	6.29	ng/ul	98
80) Pyrene	19.92	202	88215	6.14	ng/ul#	95
81) Butylbenzylphthalate	20.79	149	27563	5.84	ng/ul	97
83) Benzo(a)anthracene	21.78	228	91947	6.13	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.66	149	41808	6.20	ng/ul	99
85) Chrysene	21.84	228	85194	6.07	ng/ul	98
88) Benzo(b)fluoranthene	24.05	252	85797	5.93	ng/ul#	98
89) Benzo(k)fluoranthene	24.12	252	83813m	6.03	ng/ul	
91) Benzo(a)pyrene	24.95	252	84433	6.08	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.90	276	91133m	5.84	ng/ul	
93) Dibenzo(a,h)anthracene	28.97	278	74096	5.67	ng/ul	99
94) Benzo(g,h,i)perylene	30.09	276	76593	6.44	ng/ul	98

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

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