Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
Data File : BG035532.D
Acq On : 30 Jun 2018 8:22
Operator : JU/SJ
Sample : PB110708BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110708BS

Manual Integrations APPROVED
Sohil
7/2/2018 12:35:28 PM

Quant Time: Jul 02 01:36:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24648	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	98572	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	78180	20.00	ng		-0.01
63) Phenanthrene-d10	17.43	188	223286	20.00	ng		-0.01
75) Chrysene-d12	21.69	240	239893	20.00	ng		-0.02
86) Perylene-d12	24.92	264	231132	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	206511	141.39	ng		0.00
7) Phenol-d6	7.22	99	313817	145.58	ng		0.00
23) Nitrobenzene-d5	9.23	82	195262	94.16	ng		-0.01
41) 2,4,6-Tribromophenol	16.17	330	165362	165.23	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	484986	80.64	ng		-0.02
78) Terphenyl-d14	20.03	244	1000799	87.39	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	20407	29.285	ng	#	81
3) Pyridine	3.95	79	60639	32.251	ng	#	69
4) n-Nitrosodimethylamine	3.86	42	25695	31.811	ng	#	89
6) Aniline	7.39	93	65714	23.584	ng		94
8) 2-Chlorophenol	7.63	128	68703	44.876	ng		93
9) Benzaldehyde	7.20	77	41918	25.245	ng		91
10) Phenol	7.25	94	104514	46.850	ng		96
11) bis(2-Chloroethyl)ether	7.48	93	64598	37.307	ng		88
12) 1,3-Dichlorobenzene	7.95	146	72181	39.516	ng		93
13) 1,4-Dichlorobenzene	8.10	146	72815	38.616	ng		96
14) 1,2-Dichlorobenzene	8.42	146	71806	40.541	ng		97
15) Benzyl Alcohol	8.30	79	81706	40.001	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	69103	40.098	ng		78
17) 2-Methylphenol	8.50	107	69949	47.559	ng		93
18) Hexachloroethane	9.14	117	26217	38.836	ng	#	85
19) n-Nitroso-di-n-propylamine	8.86	70	62674	34.222	ng	#	83
20) 3+4-Methylphenols	8.83	107	93542	44.371	ng		95
22) Acetophenone	8.89	105	116276	38.080	ng	#	88
24) Nitrobenzene	9.27	77	94659	44.577	ng	#	95
25) Isophorone	9.78	82	183561	41.926	ng		98
26) 2-Nitrophenol	9.98	139	40441	55.251	ng	#	90
27) 2,4-Dimethylphenol	10.04	122	77325	50.260	ng		93
28) bis(2-Chloroethoxy)methane	10.27	93	98408	41.826	ng		94
29) 2,4-Dichlorophenol	10.51	162	82782	49.450	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	84767	42.228	ng		99
31) Naphthalene	10.92	128	211775	41.357	ng		98
32) Benzoic acid	10.17	122	38536	37.395	ng		97
33) 4-Chloroaniline	11.02	127	39149	17.607	ng	#	94
34) Hexachlorobutadiene	11.20	225	65680	42.072	ng		99
35) Caprolactam	11.79	113	29994m	48.480	ng		
36) 4-Chloro-3-methylphenol	12.14	107	104053	49.863	ng		95
37) 2-Methylnaphthalene	12.52	142	172060	44.319	ng		91
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	120576	41.406	ng		97
40) Hexachlorocyclopentadiene	12.86	237	160685	87.992	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	82061	47.062	ng		96
43) 2,4,5-Trichlorophenol	13.20	196	92148	48.149	ng	#	96
45) 1,1'-Biphenyl	13.52	154	243991	38.812	ng		98
46) 2-Chloronaphthalene	13.56	162	196432	41.329	ng		99
47) 2-Nitroaniline	13.76	65	70150	49.982	ng		97
48) Acenaphthylene	14.41	152	333755	41.878	ng		98
49) Dimethylphthalate	14.14	163	284760	41.769	ng		99
50) 2,6-Dinitrotoluene	14.25	165	65078	52.324	ng		92
51) Acenaphthene	14.75	154	195174	37.482	ng		99
52) 3-Nitroaniline	14.58	138	31559	25.859	ng	#	85
53) 2,4-Dinitrophenol	14.79	184	68883	136.849	ng	#	65
54) Dibenzofuran	15.08	168	331175	42.465	ng		95
55) 4-Nitrophenol	14.90	139	99240	96.348	ng	#	89
56) 2,4-Dinitrotoluene	15.04	165	97846	59.222	ng	#	82
57) Fluorene	15.73	166	281113	43.131	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.31	232	97995	52.708	ng		93
59) Diethylphthalate	15.49	149	287389	41.318	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	161418	43.432	ng		97
61) 4-Nitroaniline	15.75	138	66946	51.149	ng	#	87
62) Azobenzene	16.01	77	283571	41.603	ng		95
64) 4,6-Dinitro-2-methylphenol	15.81	198	55608	54.547	ng		84
65) n-Nitrosodiphenylamine	15.93	169	255888	38.161	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	113749	42.303	ng		96
67) Hexachlorobenzene	16.73	284	119475	43.654	ng	#	93
68) Atrazine	16.88	200	119783	41.889	ng		94
69) Pentachlorophenol	17.07	266	130935	71.147	ng		98
70) Phenanthrene	17.47	178	483719	42.647	ng		99
71) Anthracene	17.56	178	490182	43.144	ng		98
72) Carbazole	17.83	167	450021	42.690	ng		99
73) Di-n-butylphthalate	18.38	149	499909	39.787	ng	#	98
74) Fluoranthene	19.47	202	643142	43.575	ng		96
76) Benzidine	19.65	184	214950	24.084	ng		98
77) Pyrene	19.84	202	641534	40.565	ng		99
79) Butylbenzylphthalate	20.72	149	224714	39.131	ng	#	94
80) Benzo(a)anthracene	21.67	228	645517	42.109	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	131107	22.732	ng	#	97
82) Chrysene	21.74	228	599561	42.717	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	302342	37.260	ng	#	98
84) Di-n-octyl phthalate	22.78	149	509640	36.609	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.60	276	690624	42.013	ng	#	86
87) Benzo(b)fluoranthene	23.89	252	620854	43.619	ng	#	96
88) Benzo(k)fluoranthene	23.96	252	574892	41.289	ng	#	97
89) Benzo(a)pyrene	24.76	252	582209	43.470	ng	#	96
90) Dibenzo(a,h)anthracene	28.65	278	564375	42.686	ng	#	96
91) Benzo(g,h,i)perylene	29.75	276	567091	43.827	ng	#	92

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

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