Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036169.D
Acq On : 7 Aug 2018 19:42
Operator : JU/SJ
Sample : PB111837BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111837BSD

Manual Integrations APPROVED
Sohil
8/8/2018 5:34:36 PM

Quant Time: Aug 08 02:00:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	25677	20.00	ng		-0.01
21) Naphthalene-d8	10.81	136	91823	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	67321	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	201194	20.00	ng		-0.01
75) Chrysene-d12	21.65	240	232982	20.00	ng		-0.01
86) Perylene-d12	24.82	264	224289	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	189354	122.43	ng		0.00
7) Phenol-d6	7.18	99	276385	119.78	ng		-0.01
23) Nitrobenzene-d5	9.17	82	181908	82.76	ng		-0.01
41) 2,4,6-Tribromophenol	16.12	330	145965	164.50	ng		-0.02
44) 2-Fluorobiphenyl	13.26	172	427857	85.15	ng		-0.02
78) Terphenyl-d14	19.99	244	957530	90.59	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	24887	31.616	ng	#	73
3) Pyridine	3.90	79	64064	31.175	ng	#	75
4) n-Nitrosodimethylamine	3.82	42	26661	30.216	ng	#	77
6) Aniline	7.33	93	66675	22.293	ng		96
8) 2-Chlorophenol	7.58	128	60869	38.697	ng		95
9) Benzaldehyde	7.15	77	55267	39.035	ng		98
10) Phenol	7.21	94	90627	38.875	ng		95
11) bis(2-Chloroethyl)ether	7.43	93	61414	33.639	ng		87
12) 1,3-Dichlorobenzene	7.90	146	71395m	37.586	ng		
13) 1,4-Dichlorobenzene	8.05	146	74621	38.664	ng		97
14) 1,2-Dichlorobenzene	8.36	146	71036	38.314	ng		93
15) Benzyl Alcohol	8.25	79	73129	34.899	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.53	45	65818	43.001	ng		69
17) 2-Methylphenol	8.46	107	61840	39.015	ng	#	87
18) Hexachloroethane	9.09	117	27804	37.678	ng	#	84
19) n-Nitroso-di-n-propylamine	8.81	70	56595	29.126	ng	#	83
20) 3+4-Methylphenols	8.79	107	82687	37.605	ng		93
22) Acetophenone	8.83	105	108886	38.133	ng	#	90
24) Nitrobenzene	9.21	77	88497	40.034	ng	#	92
25) Isophorone	9.73	82	160417	39.315	ng		98
26) 2-Nitrophenol	9.93	139	36425	46.396	ng	#	77
27) 2,4-Dimethylphenol	9.98	122	62212	46.813	ng		91
28) bis(2-Chloroethoxy)methane	10.21	93	83512	37.143	ng	#	97
29) 2,4-Dichlorophenol	10.47	162	69881	46.066	ng		91
30) 1,2,4-Trichlorobenzene	10.67	180	81793	43.971	ng		99
31) Naphthalene	10.86	128	192695	40.286	ng		97
32) Benzoic acid	10.15	122	20444m	22.852	ng		
33) 4-Chloroaniline	10.99	127	35229	16.899	ng	#	85
34) Hexachlorobutadiene	11.14	225	64402	44.399	ng		94
35) Caprolactam	11.75	113	26014m	39.960	ng		
36) 4-Chloro-3-methylphenol	12.10	107	91150	44.827	ng		93
37) 2-Methylnaphthalene	12.46	142	152061	42.672	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	108482	42.694	ng		98
40) Hexachlorocyclopentadiene	12.81	237	137219	102.973	ng		87

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	69558	46.811 ng		95
43) 2,4,5-Trichlorophenol	13.16	196	77502	46.623 ng		95
45) 1,1'-Biphenyl	13.47	154	211662	40.553 ng		97
46) 2-Chloronaphthalene	13.51	162	166575	41.030 ng		98
47) 2-Nitroaniline	13.72	65	58231	40.571 ng		96
48) Acenaphthylene	14.35	152	286136	42.075 ng		96
49) Dimethylphthalate	14.09	163	238511	40.437 ng		99
50) 2,6-Dinitrotoluene	14.21	165	55879	46.523 ng		94
51) Acenaphthene	14.70	154	165841	39.147 ng		96
52) 3-Nitroaniline	14.55	138	29682	24.178 ng	#	89
53) 2,4-Dinitrophenol	14.75	184	48114	78.070 ng	#	61
54) Dibenzofuran	15.03	168	282142	41.876 ng		91
55) 4-Nitrophenol	14.87	139	66400	75.949 ng	#	88
56) 2,4-Dinitrotoluene	15.00	165	83550	48.486 ng	#	87
57) Fluorene	15.68	166	241053	42.687 ng		98
58) 2,3,4,6-Tetrachlorophenol	15.26	232	84218	52.840 ng		91
59) Diethylphthalate	15.45	149	244150	40.256 ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	138231	41.648 ng		99
61) 4-Nitroaniline	15.71	138	55670	43.352 ng	#	76
62) Azobenzene	15.96	77	242715	40.571 ng		95
64) 4,6-Dinitro-2-methylphenol	15.76	198	49899	44.554 ng		82
65) n-Nitrosodiphenylamine	15.89	169	219535	38.335 ng		98
66) 4-Bromophenyl-phenylether	16.56	248	96664	41.412 ng		87
67) Hexachlorobenzene	16.69	284	100654	41.873 ng		97
68) Atrazine	16.83	200	113051	47.946 ng		90
69) Pentachlorophenol	17.03	266	96290	65.766 ng		97
70) Phenanthrene	17.42	178	416175	41.455 ng		98
71) Anthracene	17.51	178	423556	42.371 ng		98
72) Carbazole	17.79	167	392748	41.371 ng		98
73) Di-n-butylphthalate	18.33	149	446277	39.780 ng	#	98
74) Fluoranthene	19.43	202	587709	43.461 ng		97
76) Benzidine	19.61	184	192975	31.505 ng		99
77) Pyrene	19.79	202	591888	40.178 ng		97
79) Butylbenzylphthalate	20.67	149	213880	40.599 ng		98
80) Benzo(a)anthracene	21.62	228	595286	41.001 ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	137652	27.191 ng	#	96
82) Chrysene	21.69	228	553679	41.153 ng		97
83) Bis(2-ethylhexyl)phthalate	21.52	149	294612	41.135 ng	#	99
84) Di-n-octyl phthalate	22.71	149	495882	41.352 ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.45	276	615930	41.350 ng	#	84
87) Benzo(b)fluoranthene	23.81	252	555414	40.743 ng	#	96
88) Benzo(k)fluoranthene	23.88	252	548198	41.133 ng	#	97
89) Benzo(a)pyrene	24.68	252	542167	42.750 ng	#	96
90) Dibenzo(a,h)anthracene	28.51	278	506093	40.647 ng	#	97
91) Benzo(g,h,i)perylene	29.59	276	510387	41.891 ng	#	92

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

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