Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
Data File : BG036952.D
Acq On : 25 Sep 2018 17:01
Operator : JU/SJ
Sample : J5055-08MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-BMS

Manual Integrations APPROVED
Sohil
9/26/2018 3:45:20 PM

Quant Time: Sep 25 17:58:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	53935	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	218179	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	128149	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	271397	20.00	ng		0.00
75) Chrysene-d12	21.68	240	291697	20.00	ng		-0.01
86) Perylene-d12	24.89	264	314793	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	271401	96.50	ng		0.00
7) Phenol-d6	7.21	99	376467	86.52	ng		0.00
23) Nitrobenzene-d5	9.21	82	248633	61.03	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	133991	87.39	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	523603	60.85	ng		-0.01
78) Terphenyl-d14	20.02	244	721337	65.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	32127	24.965	ng		99
3) Pyridine	3.93	79	87105	23.442	ng		95
4) n-Nitrosodimethylamine	3.84	42	53304	32.276	ng	#	99
6) Aniline	7.37	93	131964	23.373	ng		99
8) 2-Chlorophenol	7.61	128	96321	29.497	ng		91
9) Benzaldehyde	7.18	77	64893	22.570	ng		99
10) Phenol	7.23	94	141071	31.414	ng		93
11) bis(2-Chloroethyl)ether	7.47	93	101724	24.489	ng		97
12) 1,3-Dichlorobenzene	7.93	146	105602	26.378	ng		95
13) 1,4-Dichlorobenzene	8.08	146	105030	25.636	ng		98
14) 1,2-Dichlorobenzene	8.40	146	102751	25.880	ng		98
15) Benzyl Alcohol	8.28	79	92903	26.314	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.57	45	211383	26.506	ng		99
17) 2-Methylphenol	8.48	107	87677	28.029	ng		98
18) Hexachloroethane	9.12	117	42105	27.927	ng		94
19) n-Nitroso-di-n-propylamine	8.84	70	87484	24.169	ng		98
20) 3+4-Methylphenols	8.81	107	121304	27.875	ng		99
22) Acetophenone	8.87	105	152161	29.678	ng	#	98
24) Nitrobenzene	9.25	77	127932	29.404	ng		97
25) Isophorone	9.76	82	242788	32.613	ng		99
26) 2-Nitrophenol	9.96	139	54693	31.537	ng		99
27) 2,4-Dimethylphenol	10.01	122	95356	35.298	ng		97
28) bis(2-Chloroethoxy)methane	10.25	93	136387	29.690	ng		97
29) 2,4-Dichlorophenol	10.49	162	99597	31.804	ng		92
30) 1,2,4-Trichlorobenzene	10.71	180	110055	28.082	ng		99
31) Naphthalene	10.90	128	316393	30.478	ng		99
32) Benzoic acid	10.11	122	17024	13.047	ng		92
33) 4-Chloroaniline	11.00	127	112812	23.901	ng		97
34) Hexachlorobutadiene	11.18	225	75421	27.829	ng		95
35) Caprolactam	11.77	113	35483	27.529	ng		99
36) 4-Chloro-3-methylphenol	12.12	107	117024	31.318	ng		96
37) 2-Methylnaphthalene	12.50	142	242661	30.692	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	137962	30.867	ng		99
40) Hexachlorocyclopentadiene	12.84	237	160956	70.019	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	85332	34.380	ng		98
43) 2,4,5-Trichlorophenol	13.18	196	92958	35.124	ng		95
45) 1,1'-Biphenyl	13.50	154	305526	31.130	ng		98
46) 2-Chloronaphthalene	13.55	162	231332	29.972	ng		99
47) 2-Nitroaniline	13.75	65	85486	32.022	ng		99
48) Acenaphthylene	14.39	152	382329	31.612	ng		99
49) Dimethylphthalate	14.12	163	446910	43.326	ng		97
50) 2,6-Dinitrotoluene	14.24	165	65451	29.082	ng		97
51) Acenaphthene	14.73	154	212636	29.090	ng		99
52) 3-Nitroaniline	14.58	138	60694	25.592	ng		99
53) 2,4-Dinitrophenol	14.78	184	58995	58.235	ng		95
54) Dibenzofuran	15.07	168	346985	28.064	ng		99
55) 4-Nitrophenol	14.88	139	99611	65.748	ng		91
56) 2,4-Dinitrotoluene	15.03	165	89435	28.479	ng		93
57) Fluorene	15.72	166	266281	28.814	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	88309m	32.892	ng		
59) Diethylphthalate	15.48	149	277529	26.676	ng		99
60) 4-Chlorophenyl-phenylether	15.70	204	150178	25.661	ng		97
61) 4-Nitroaniline	15.74	138	63809	25.579	ng		93
62) Azobenzene	16.00	77	278792	27.889	ng		98
64) 4,6-Dinitro-2-methylphenol	15.79	198	48319	34.054	ng		82
65) n-Nitrosodiphenylamine	15.92	169	243868	32.548	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	90790	29.411	ng		98
67) Hexachlorobenzene	16.72	284	91900	28.905	ng		97
68) Atrazine	16.87	200	97857	32.256	ng		99
69) Pentachlorophenol	17.07	266	107619	53.762	ng		95
70) Phenanthrene	17.46	178	402598	30.783	ng		98
71) Anthracene	17.55	178	415179	32.104	ng		99
72) Carbazole	17.82	167	365132	28.958	ng		99
73) Di-n-butylphthalate	18.37	149	416666	29.756	ng		99
74) Fluoranthene	19.46	202	471739	29.965	ng		98
76) Benzidine	19.65	184	276773	31.388	ng		99
77) Pyrene	19.82	202	474347	27.099	ng		99
79) Butylbenzylphthalate	20.70	149	198067	28.388	ng		98
80) Benzo(a)anthracene	21.66	228	515967	30.302	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	109061	16.827	ng		98
82) Chrysene	21.73	228	489180	29.733	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	289028	29.654	ng		99
84) Di-n-octyl phthalate	22.77	149	501333	31.240	ng		99
85) Indeno(1,2,3-cd)pyrene	28.52	276	583016	33.000	ng	#	94
87) Benzo(b)fluoranthene	23.87	252	500554	29.837	ng		98
88) Benzo(k)fluoranthene	23.94	252	507101	30.129	ng		99
89) Benzo(a)pyrene	24.73	252	502690	30.994	ng		99
90) Dibenzo(a,h)anthracene	28.59	278	484680	31.886	ng		98
91) Benzo(g,h,i)perylene	29.68	276	483215	31.675	ng		98

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

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