Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
Data File : BG037018.D
Acq On : 27 Sep 2018 17:17
Operator : JU/SJ
Sample : PB113226BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113226BS

Manual Integrations APPROVED
Sohil
9/28/2018 4:24:34 PM

Quant Time: Sep 27 19:07:30 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	45210	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	196511	20.00	ng		-0.01
38) Acenaphthene-d10	14.67	164	119867	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	306783	20.00	ng		0.00
75) Chrysene-d12	21.68	240	313258	20.00	ng		0.00
86) Perylene-d12	24.88	264	312459	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	316406	134.22	ng		0.00
7) Phenol-d6	7.21	99	418530	114.75	ng		0.00
23) Nitrobenzene-d5	9.20	82	265958	72.48	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	160969	112.24	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	573397	71.25	ng		-0.01
78) Terphenyl-d14	20.02	244	984740	82.66	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	48926	45.356	ng		98
3) Pyridine	3.92	79	129049	41.432	ng		96
4) n-Nitrosodimethylamine	3.83	42	71786	51.856	ng	#	94
6) Aniline	7.37	93	150402	31.780	ng		98
8) 2-Chlorophenol	7.61	128	126009	46.035	ng		95
9) Benzaldehyde	7.18	77	67884	28.167	ng		94
10) Phenol	7.23	94	172629	45.860	ng		96
11) bis(2-Chloroethyl)ether	7.46	93	133103	38.227	ng		99
12) 1,3-Dichlorobenzene	7.93	146	136530	40.684	ng		99
13) 1,4-Dichlorobenzene	8.08	146	141374	41.166	ng		100
14) 1,2-Dichlorobenzene	8.39	146	131323	39.460	ng		96
15) Benzyl Alcohol	8.28	79	118418	40.013	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	270326	40.439	ng		99
17) 2-Methylphenol	8.48	107	111597	42.561	ng		98
18) Hexachloroethane	9.12	117	54234	42.914	ng		94
19) n-Nitroso-di-n-propylamine	8.84	70	108475	35.751	ng		95
20) 3+4-Methylphenols	8.81	107	149997	41.121	ng		98
22) Acetophenone	8.86	105	191040	41.369	ng	#	96
24) Nitrobenzene	9.25	77	160259	40.895	ng		95
25) Isophorone	9.76	82	298546	44.525	ng		99
26) 2-Nitrophenol	9.96	139	69833	44.707	ng		94
27) 2,4-Dimethylphenol	10.01	122	115831	47.605	ng		92
28) bis(2-Chloroethoxy)methane	10.24	93	170303	41.162	ng		98
29) 2,4-Dichlorophenol	10.49	162	127447	45.185	ng		95
30) 1,2,4-Trichlorobenzene	10.71	180	137745	39.024	ng		98
31) Naphthalene	10.90	128	393415	42.076	ng		98
32) Benzoic acid	10.15	122	67406	37.594	ng		95
33) 4-Chloroaniline	11.01	127	108514	25.525	ng		99
34) Hexachlorobutadiene	11.17	225	93659	38.369	ng		96
35) Caprolactam	11.78	113	48269m	41.579	ng		
36) 4-Chloro-3-methylphenol	12.12	107	145355	43.190	ng		99
37) 2-Methylnaphthalene	12.50	142	295180	41.451	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	166606	39.851	ng		99
40) Hexachlorocyclopentadiene	12.84	237	203957	94.856	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	105577	45.476	ng	97
43) 2,4,5-Trichlorophenol	13.18	196	118716	47.956	ng	96
45) 1,1'-Biphenyl	13.50	154	376035	40.962	ng	99
46) 2-Chloronaphthalene	13.55	162	286042	39.621	ng	98
47) 2-Nitroaniline	13.75	65	112284	44.966	ng	96
48) Acenaphthylene	14.39	152	485691	42.933	ng	99
49) Dimethylphthalate	14.12	163	392164	40.645	ng	98
50) 2,6-Dinitrotoluene	14.24	165	85273	40.507	ng	96
51) Acenaphthene	14.73	154	281385	41.155	ng	98
52) 3-Nitroaniline	14.58	138	67065	30.233	ng	96
53) 2,4-Dinitrophenol	14.78	184	90842	90.923	ng	92
54) Dibenzofuran	15.06	168	460024	39.777	ng	98
55) 4-Nitrophenol	14.88	139	141528	99.869	ng	92
56) 2,4-Dinitrotoluene	15.03	165	123952	42.197	ng	97
57) Fluorene	15.71	166	368477	42.628	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	115433	45.966	ng	99
59) Diethylphthalate	15.48	149	393560	40.442	ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	206314	37.688	ng	96
61) 4-Nitroaniline	15.74	138	97056	41.595	ng	99
62) Azobenzene	16.00	77	401525	42.941	ng	99
64) 4,6-Dinitro-2-methylphenol	15.79	198	72768	45.369	ng	97
65) n-Nitrosodiphenylamine	15.92	169	340248	40.174	ng	98
66) 4-Bromophenyl-phenylether	16.60	248	133796	38.343	ng	97
67) Hexachlorobenzene	16.72	284	133074	37.028	ng	98
68) Atrazine	16.87	200	142102	41.437	ng	99
69) Pentachlorophenol	17.06	266	167192	73.889	ng	98
70) Phenanthrene	17.45	178	630690	42.661	ng	98
71) Anthracene	17.55	178	650283	44.484	ng	99
72) Carbazole	17.82	167	586266	41.133	ng	97
73) Di-n-butylphthalate	18.36	149	692266	43.736	ng	99
74) Fluoranthene	19.46	202	782049	43.947	ng	99
76) Benzidine	19.65	184	340105	35.915	ng	99
77) Pyrene	19.82	202	772152	41.076	ng	99
79) Butylbenzylphthalate	20.70	149	326072	43.518	ng	99
80) Benzo(a)anthracene	21.66	228	777405	42.513	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	206487	29.666	ng	99
82) Chrysene	21.73	228	723780	40.965	ng	100
83) Bis(2-ethylhexyl)phthalate	21.56	149	450385	43.028	ng	98
84) Di-n-octyl phthalate	22.77	149	754589	43.785	ng	100
85) Indeno(1,2,3-cd)pyrene	28.53	276	832197	43.862	ng	98
87) Benzo(b)fluoranthene	23.86	252	733038	44.022	ng	99
88) Benzo(k)fluoranthene	23.93	252	726696	43.499	ng	99
89) Benzo(a)pyrene	24.74	252	722354	44.871	ng	99
90) Dibenzo(a,h)anthracene	28.59	278	678044	44.940	ng	97
91) Benzo(g,h,i)perylene	29.67	276	685726	45.286	ng	99

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

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