Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
Data File : BG035798.D
Acq On : 20 Jul 2018 23:58
Operator : JU/SJ
Sample : PB111227BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111227BS

Manual Integrations APPROVED
Sohil
7/23/2018 2:19:07 PM

Quant Time: Jul 21 01:25:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	50995	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	187515	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	129468	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	332970	20.00	ng		0.00
75) Chrysene-d12	21.66	240	345864	20.00	ng		0.00
86) Perylene-d12	24.86	264	331939	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	424074	138.06	ng		0.00
7) Phenol-d6	7.20	99	613782	133.93	ng		0.00
23) Nitrobenzene-d5	9.19	82	391988	87.33	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	247070	144.78	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	886504	91.74	ng		0.00
78) Terphenyl-d14	20.00	244	1473058	93.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	46855	29.972	ng	#	77
3) Pyridine	3.91	79	139230	34.115	ng	#	71
4) n-Nitrosodimethylamine	3.84	42	57588	32.863	ng	#	63
6) Aniline	7.36	93	137752	23.191	ng		95
8) 2-Chlorophenol	7.60	128	139359	44.610	ng		93
9) Benzaldehyde	7.17	77	78545	27.933	ng		95
10) Phenol	7.23	94	206821	44.671	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	139187	38.387	ng		89
12) 1,3-Dichlorobenzene	7.92	146	155313	41.170	ng		97
13) 1,4-Dichlorobenzene	8.07	146	157190	41.010	ng		99
14) 1,2-Dichlorobenzene	8.38	146	150091	40.761	ng		95
15) Benzyl Alcohol	8.27	79	166979	40.124	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	156665	51.537	ng		79
17) 2-Methylphenol	8.48	107	139529	44.325	ng	#	93
18) Hexachloroethane	9.10	117	59553	40.635	ng		89
19) n-Nitroso-di-n-propylamine	8.83	70	131417	34.054	ng	#	87
20) 3+4-Methylphenols	8.80	107	190218	43.558	ng		95
22) Acetophenone	8.85	105	239546	41.080	ng	#	89
24) Nitrobenzene	9.23	77	193915	42.956	ng	#	90
25) Isophorone	9.75	82	371388	44.571	ng		99
26) 2-Nitrophenol	9.94	139	82920	51.720	ng	#	92
27) 2,4-Dimethylphenol	10.00	122	142386	52.466	ng		84
28) bis(2-Chloroethoxy)methane	10.23	93	201378	43.859	ng		94
29) 2,4-Dichlorophenol	10.49	162	158882	51.287	ng		96
30) 1,2,4-Trichlorobenzene	10.69	180	172742	45.474	ng		99
31) Naphthalene	10.88	128	426646	43.679	ng		100
32) Benzoic acid	10.17	122	75885m	41.537	ng		
33) 4-Chloroaniline	11.00	127	41076	9.648	ng		98
34) Hexachlorobutadiene	11.16	225	135073	45.599	ng		97
35) Caprolactam	11.77	113	51906m	39.044	ng		
36) 4-Chloro-3-methylphenol	12.12	107	193767	46.663	ng		96
37) 2-Methylnaphthalene	12.48	142	330969	45.480	ng		91
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	228932	46.849	ng		99
40) Hexachlorocyclopentadiene	12.83	237	310547	121.178	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	149992	52.487	ng		99
43) 2,4,5-Trichlorophenol	13.17	196	161624	50.557	ng		98
45) 1,1'-Biphenyl	13.49	154	460969	45.924	ng		99
46) 2-Chloronaphthalene	13.53	162	360361	46.155	ng		99
47) 2-Nitroaniline	13.73	65	120204	43.548	ng		97
48) Acenaphthylene	14.37	152	592528	45.305	ng		98
49) Dimethylphthalate	14.11	163	488707	43.083	ng	#	98
50) 2,6-Dinitrotoluene	14.23	165	112887	48.870	ng		92
51) Acenaphthene	14.71	154	340077	41.742	ng		98
52) 3-Nitroaniline	14.56	138	42681	18.078	ng	#	95
53) 2,4-Dinitrophenol	14.77	184	79589	68.072	ng	#	66
54) Dibenzofuran	15.05	168	576044	44.458	ng		94
55) 4-Nitrophenol	14.88	139	157604	93.737	ng		88
56) 2,4-Dinitrotoluene	15.01	165	161036	48.594	ng	#	87
57) Fluorene	15.70	166	474202	43.665	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.28	232	149494	48.772	ng	#	95
59) Diethylphthalate	15.47	149	482836	41.396	ng		97
60) 4-Chlorophenyl-phenylether	15.69	204	279147	43.734	ng		96
61) 4-Nitroaniline	15.73	138	100345	40.632	ng		86
62) Azobenzene	15.98	77	481790	41.876	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	73578	39.696	ng		89
65) n-Nitrosodiphenylamine	15.91	169	423088	44.641	ng		95
66) 4-Bromophenyl-phenylether	16.58	248	181088	46.877	ng		94
67) Hexachlorobenzene	16.71	284	188311	47.336	ng		96
68) Atrazine	16.85	200	185923	47.646	ng		96
69) Pentachlorophenol	17.05	266	160750	66.341	ng		99
70) Phenanthrene	17.44	178	751942	45.258	ng		97
71) Anthracene	17.53	178	754594	45.612	ng		97
72) Carbazole	17.80	167	691754	44.029	ng		98
73) Di-n-butylphthalate	18.35	149	799847	43.081	ng	#	98
74) Fluoranthene	19.44	202	967850	43.247	ng		97
76) Benzidine	19.63	184	343929	37.824	ng		97
77) Pyrene	19.81	202	967264	44.229	ng		97
79) Butylbenzylphthalate	20.69	149	365793	46.773	ng		94
80) Benzo(a)anthracene	21.64	228	969603	44.986	ng		99
81) 3,3'-Dichlorobenzidine	21.56	252	180972	24.081	ng		97
82) Chrysene	21.71	228	904756	45.299	ng		98
83) Bis(2-ethylhexyl)phthalate	21.54	149	504042	47.408	ng		99
84) Di-n-octyl phthalate	22.74	149	864649	48.570	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.50	276	1048595	47.420	ng	#	85
87) Benzo(b)fluoranthene	23.84	252	940294	46.607	ng	#	97
88) Benzo(k)fluoranthene	23.91	252	898243	45.541	ng	#	98
89) Benzo(a)pyrene	24.71	252	896657	47.772	ng	#	98
90) Dibenzo(a,h)anthracene	28.57	278	862928	46.830	ng	#	97
91) Benzo(g,h,i)perylene	29.65	276	868385	48.160	ng	#	95

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

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