Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071718\
Data File : BG035716.D
Acq On : 18 Jul 2018 13:37
Operator : JU/SJ
Sample : PB111140BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111140BS

Manual Integrations APPROVED

Quant Time: Jul 18 15:07:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

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7/18/2018 3:27:55 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	33596	20.00	ng		-0.02
21) Naphthalene-d8	10.85	136	127883	20.00	ng		-0.01
38) Acenaphthene-d10	14.66	164	95814	20.00	ng		-0.02
63) Phenanthrene-d10	17.41	188	278478	20.00	ng		-0.01
75) Chrysene-d12	21.67	240	310310	20.00	ng		-0.01
86) Perylene-d12	24.88	264	301349	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	299287	147.90	ng		-0.01
7) Phenol-d6	7.21	99	429399	142.23	ng		0.00
23) Nitrobenzene-d5	9.20	82	272673	89.07	ng		-0.02
41) 2,4,6-Tribromophenol	16.15	330	196990	155.98	ng		-0.01
44) 2-Fluorobiphenyl	13.28	172	668145	93.42	ng		-0.02
78) Terphenyl-d14	20.01	244	1299622	92.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	31376	30.464	ng	#	78
3) Pyridine	3.92	79	92854	34.534	ng	#	77
4) n-Nitrosodimethylamine	3.84	42	40087	34.723	ng	#	71
6) Aniline	7.36	93	138049	35.277	ng		97
8) 2-Chlorophenol	7.60	128	95966	46.629	ng		99
9) Benzaldehyde	7.17	77	57123	30.836	ng		93
10) Phenol	7.23	94	145651	47.751	ng		95
11) bis(2-Chloroethyl)ether	7.46	93	96264	40.299	ng		88
12) 1,3-Dichlorobenzene	7.93	146	103254	41.545	ng		95
13) 1,4-Dichlorobenzene	8.07	146	107552	42.591	ng		95
14) 1,2-Dichlorobenzene	8.39	146	102089	42.083	ng		94
15) Benzyl Alcohol	8.27	79	109815	40.054	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.55	45	110193	55.023	ng		79
17) 2-Methylphenol	8.48	107	96646	46.602	ng	#	91
18) Hexachloroethane	9.12	117	41113	42.581	ng		94
19) n-Nitroso-di-n-propylamine	8.84	70	91867	36.134	ng	#	86
20) 3+4-Methylphenols	8.81	107	135199	46.993	ng		95
22) Acetophenone	8.86	105	165173	41.534	ng	#	91
24) Nitrobenzene	9.24	77	134575	43.712	ng		92
25) Isophorone	9.76	82	260128	45.775	ng		99
26) 2-Nitrophenol	9.95	139	53569	48.993	ng	#	88
27) 2,4-Dimethylphenol	10.01	122	105525	57.015	ng		96
28) bis(2-Chloroethoxy)methane	10.24	93	138161	44.122	ng		94
29) 2,4-Dichlorophenol	10.49	162	114479	54.185	ng		93
30) 1,2,4-Trichlorobenzene	10.70	180	119549	46.146	ng		93
31) Naphthalene	10.89	128	299037	44.890	ng		97
32) Benzoic acid	10.16	122	47248	37.921	ng		94
33) 4-Chloroaniline	11.00	127	89384	30.786	ng	#	91
34) Hexachlorobutadiene	11.17	225	91605	45.345	ng		95
35) Caprolactam	11.77	113	41663m	45.953	ng		
36) 4-Chloro-3-methylphenol	12.13	107	139897	49.400	ng		97
37) 2-Methylnaphthalene	12.49	142	242093m	48.780	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	164270	45.424	ng		98
40) Hexachlorocyclopentadiene	12.84	237	202558	106.802	ng		92

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	108243	51.182	ng		94
43) 2,4,5-Trichlorophenol	13.18	196	114144	48.246	ng		93
45) 1,1'-Biphenyl	13.50	154	336398	45.285	ng		97
46) 2-Chloronaphthalene	13.54	162	264365	45.753	ng		98
47) 2-Nitroaniline	13.74	65	93846	45.941	ng		89
48) Acenaphthylene	14.39	152	440382	45.499	ng		97
49) Dimethylphthalate	14.11	163	379233	45.175	ng		99
50) 2,6-Dinitrotoluene	14.24	165	84898	49.663	ng		92
51) Acenaphthene	14.72	154	260877	43.267	ng		97
52) 3-Nitroaniline	14.57	138	65366	37.412	ng	#	92
53) 2,4-Dinitrophenol	14.78	184	26067	33.795	ng	#	57
54) Dibenzofuran	15.06	168	443854	46.288	ng		94
55) 4-Nitrophenol	14.89	139	128671	103.409	ng	#	88
56) 2,4-Dinitrotoluene	15.02	165	126290	51.495	ng	#	88
57) Fluorene	15.71	166	368680	45.873	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.29	232	112038	49.391	ng	#	95
59) Diethylphthalate	15.47	149	386907	44.823	ng		99
60) 4-Chlorophenyl-phenylether	15.70	204	209374	44.324	ng		94
61) 4-Nitroaniline	15.73	138	89999	49.243	ng	#	81
62) Azobenzene	15.99	77	390360	45.847	ng		95
64) 4,6-Dinitro-2-methylphenol	15.79	198	41402	26.708	ng		82
65) n-Nitrosodiphenylamine	15.92	169	333856	42.119	ng		95
66) 4-Bromophenyl-phenylether	16.59	248	146204	45.253	ng		94
67) Hexachlorobenzene	16.71	284	146706	44.094	ng		94
68) Atrazine	16.86	200	158110	48.447	ng		97
69) Pentachlorophenol	17.06	266	72374	35.713	ng		98
70) Phenanthrene	17.45	178	626774	45.106	ng		98
71) Anthracene	17.54	178	642659	46.448	ng		97
72) Carbazole	17.81	167	593381	45.158	ng		98
73) Di-n-butylphthalate	18.36	149	678467	43.694	ng	#	98
74) Fluoranthene	19.45	202	853242	45.586	ng		97
76) Benzidine	19.63	184	431244	52.861	ng		98
77) Pyrene	19.82	202	845929	43.113	ng		98
79) Butylbenzylphthalate	20.70	149	315002	44.894	ng		98
80) Benzo(a)anthracene	21.65	228	869849	44.982	ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	232863	34.536	ng	#	99
82) Chrysene	21.72	228	810181	45.212	ng		98
83) Bis(2-ethylhexyl)phthalate	21.55	149	433054	45.398	ng	#	99
84) Di-n-octyl phthalate	22.76	149	755400	47.295	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.54	276	940506	47.405	ng	#	84
87) Benzo(b)fluoranthene	23.86	252	847658	46.280	ng	#	96
88) Benzo(k)fluoranthene	23.93	252	794328	44.360	ng	#	97
89) Benzo(a)pyrene	24.73	252	812901	47.706	ng	#	95
90) Dibenzo(a,h)anthracene	28.60	278	786329	47.005	ng	#	96
91) Benzo(g,h,i)perylene	29.68	276	782201	47.783	ng	#	91

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

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