Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
Data File : BG035335.D
Acq On : 22 Jun 2018 16:10
Operator : JU/SJ
Sample : PB110230BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110230BSD

Manual Integrations APPROVED
Sohil
6/25/2018 5:19:05 PM

Quant Time: Jun 22 18:23:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50482	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	181656	20.00	ng		-0.02
38) Acenaphthene-d10	14.67	164	132831	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	353548	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	385035	20.00	ng		-0.03
86) Perylene-d12	24.91	264	373672	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	416932	139.38	ng		-0.01
7) Phenol-d6	7.22	99	598171	135.49	ng		0.00
23) Nitrobenzene-d5	9.22	82	374882	98.10	ng		-0.02
41) 2,4,6-Tribromophenol	16.17	330	287240	168.92	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	880679	86.19	ng		-0.02
78) Terphenyl-d14	20.03	244	1626413	88.48	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	45696	32.017	ng	#	74
3) Pyridine	3.94	79	134857	35.020	ng	#	68
4) n-Nitrosodimethylamine	3.85	42	55816	33.739	ng	#	67
6) Aniline	7.38	93	162658	28.502	ng		94
8) 2-Chlorophenol	7.62	128	135721	43.285	ng		94
9) Benzaldehyde	7.19	77	92195	27.110	ng		96
10) Phenol	7.24	94	202671	44.358	ng		96
11) bis(2-Chloroethyl)ether	7.48	93	134832	38.020	ng		88
12) 1,3-Dichlorobenzene	7.95	146	150169	40.139	ng		96
13) 1,4-Dichlorobenzene	8.09	146	149028	38.588	ng		94
14) 1,2-Dichlorobenzene	8.41	146	145410	40.084	ng		98
15) Benzyl Alcohol	8.29	79	157400	37.624	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.58	45	146588	41.530	ng		79
17) 2-Methylphenol	8.49	107	133759	44.404	ng	#	92
18) Hexachloroethane	9.14	117	55228	39.944	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	123116	32.823	ng	#	82
20) 3+4-Methylphenols	8.82	107	185856	43.044	ng		92
22) Acetophenone	8.88	105	224730	39.937	ng	#	93
24) Nitrobenzene	9.26	77	184624	47.178	ng		97
25) Isophorone	9.77	82	356086	44.133	ng		99
26) 2-Nitrophenol	9.97	139	76742	56.892	ng	#	93
27) 2,4-Dimethylphenol	10.02	122	142789	50.361	ng		91
28) bis(2-Chloroethoxy)methane	10.26	93	188533	43.482	ng		95
29) 2,4-Dichlorophenol	10.50	162	157740	51.130	ng		92
30) 1,2,4-Trichlorobenzene	10.72	180	167078	45.165	ng		98
31) Naphthalene	10.91	128	409039	43.345	ng		98
32) Benzoic acid	10.17	122	97471	51.325	ng		93
33) 4-Chloroaniline	11.01	127	82078	20.031	ng	#	91
34) Hexachlorobutadiene	11.19	225	131428	45.683	ng		97
35) Caprolactam	11.79	113	55142m	48.363	ng		
36) 4-Chloro-3-methylphenol	12.13	107	188833	49.102	ng		99
37) 2-Methylnaphthalene	12.51	142	320830	44.842	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	223407	45.154	ng		99
40) Hexachlorocyclopentadiene	12.85	237	311982	100.553	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	150008	50.634	ng		99
43) 2,4,5-Trichlorophenol	13.18	196	165233	50.815	ng		95
45) 1,1'-Biphenyl	13.51	154	440634	41.254	ng		98
46) 2-Chloronaphthalene	13.56	162	348703	43.181	ng		97
47) 2-Nitroaniline	13.75	65	120223	50.416	ng		98
48) Acenaphthylene	14.40	152	585228	43.219	ng		97
49) Dimethylphthalate	14.13	163	491249	42.410	ng		99
50) 2,6-Dinitrotoluene	14.25	165	112480	53.228	ng	#	89
51) Acenaphthene	14.74	154	350843	39.656	ng		99
52) 3-Nitroaniline	14.58	138	65809	31.737	ng	#	95
53) 2,4-Dinitrophenol	14.79	184	132672	155.133	ng	#	60
54) Dibenzofuran	15.07	168	572806	43.229	ng		94
55) 4-Nitrophenol	14.89	139	171390	97.935	ng	#	88
56) 2,4-Dinitrotoluene	15.03	165	161291	57.458	ng	#	87
57) Fluorene	15.73	166	471826	42.607	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.30	232	169262	53.583	ng		92
59) Diethylphthalate	15.49	149	484727	41.016	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	276536	43.793	ng		96
61) 4-Nitroaniline	15.74	138	114000	51.264	ng		89
62) Azobenzene	16.01	77	480893	41.525	ng		94
64) 4,6-Dinitro-2-methylphenol	15.80	198	95379	59.088	ng		85
65) n-Nitrosodiphenylamine	15.93	169	433254	40.806	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	191601	45.002	ng		96
67) Hexachlorobenzene	16.72	284	194929	44.982	ng		92
68) Atrazine	16.87	200	201169	44.430	ng		94
69) Pentachlorophenol	17.07	266	242193	83.114	ng		98
70) Phenanthrene	17.46	178	781863	43.535	ng		98
71) Anthracene	17.55	178	794999	44.192	ng		98
72) Carbazole	17.82	167	742742	44.498	ng		99
73) Di-n-butylphthalate	18.37	149	819842	41.209	ng	#	98
74) Fluoranthene	19.47	202	1050296	44.942	ng		95
76) Benzidine	19.64	184	522960	36.508	ng		98
77) Pyrene	19.83	202	1044795	41.161	ng		98
79) Butylbenzylphthalate	20.71	149	378650	41.081	ng		94
80) Benzo(a)anthracene	21.67	228	1071749	43.558	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	250618	27.074	ng	#	97
82) Chrysene	21.73	228	992578	44.060	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	510947	39.232	ng		98
84) Di-n-octyl phthalate	22.79	149	873225	39.082	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.58	276	1176326	44.585	ng	#	87
87) Benzo(b)fluoranthene	23.88	252	1046111	45.460	ng	#	96
88) Benzo(k)fluoranthene	23.96	252	988353	43.907	ng	#	97
89) Benzo(a)pyrene	24.75	252	998108	46.095	ng	#	95
90) Dibenzo(a,h)anthracene	28.65	278	953366	44.601	ng	#	95
91) Benzo(g,h,i)perylene	29.73	276	977201	46.714	ng	#	94

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

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