Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036725.D
Acq On : 15 Sep 2018 3:51
Operator : JU/SJ
Sample : PB112841BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112841BS

Manual Integrations APPROVED
Sohil
9/17/2018 2:36:10 PM

Quant Time: Sep 15 05:51:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	62872	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	272455	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	186042	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	476714	20.00	ng		0.00
75) Chrysene-d12	21.68	240	469509	20.00	ng		0.00
86) Perylene-d12	24.89	264	488435	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	507532	128.05	ng		0.00
7) Phenol-d6	7.21	99	697016	122.83	ng		0.00
23) Nitrobenzene-d5	9.21	82	427948	85.22	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	319195	143.79	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	1017011	78.05	ng		0.00
78) Terphenyl-d14	20.03	244	1673900	83.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	56826	30.722	ng		98
3) Pyridine	3.92	79	169994	32.741	ng		100
4) n-Nitrosodimethylamine	3.84	42	92451	39.978	ng		94
6) Aniline	7.37	93	247619	34.377	ng		99
8) 2-Chlorophenol	7.62	128	178753	41.589	ng		97
9) Benzaldehyde	7.18	77	98185	25.126	ng		98
10) Phenol	7.24	94	244032	41.094	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	172508	36.642	ng		98
12) 1,3-Dichlorobenzene	7.94	146	182302	37.145	ng		99
13) 1,4-Dichlorobenzene	8.09	146	187210	37.781	ng		98
14) 1,2-Dichlorobenzene	8.41	146	177782	37.569	ng		98
15) Benzyl Alcohol	8.29	79	180614	39.482	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.57	45	337427	35.539	ng		99
17) 2-Methylphenol	8.49	107	169234	42.918	ng		97
18) Hexachloroethane	9.13	117	71145	40.046	ng		94
19) n-Nitroso-di-n-propylamine	8.85	70	149338	35.213	ng		99
20) 3+4-Methylphenols	8.82	107	229069	41.610	ng		98
22) Acetophenone	8.87	105	278807	38.969	ng	#	100
24) Nitrobenzene	9.26	77	221062	40.824	ng		94
25) Isophorone	9.78	82	421668	42.270	ng		99
26) 2-Nitrophenol	9.96	139	102439	47.740	ng		98
27) 2,4-Dimethylphenol	10.02	122	185339	46.654	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	241878	39.508	ng		97
29) 2,4-Dichlorophenol	10.50	162	198734	45.646	ng		93
30) 1,2,4-Trichlorobenzene	10.72	180	198867	39.045	ng		99
31) Naphthalene	10.91	128	558771	41.026	ng		99
32) Benzoic acid	10.15	122	92855	33.064	ng		99
33) 4-Chloroaniline	11.01	127	185433	29.711	ng		99
34) Hexachlorobutadiene	11.19	225	132045	38.587	ng		98
35) Caprolactam	11.78	113	75544m	43.557	ng		
36) 4-Chloro-3-methylphenol	12.13	107	221302	43.745	ng		98
37) 2-Methylnaphthalene	12.51	142	439433	44.095	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	250164	37.997	ng		99
40) Hexachlorocyclopentadiene	12.85	237	331978	96.912	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	176177	43.929	ng		98
43) 2,4,5-Trichlorophenol	13.18	196	185798	43.434	ng		98
45) 1,1'-Biphenyl	13.51	154	566262	36.668	ng		97
46) 2-Chloronaphthalene	13.55	162	435980	36.981	ng		100
47) 2-Nitroaniline	13.75	65	164283	44.376	ng		98
48) Acenaphthylene	14.40	152	749439	40.675	ng		99
49) Dimethylphthalate	14.13	163	601603	39.602	ng		98
50) 2,6-Dinitrotoluene	14.25	165	135610	43.382	ng		94
51) Acenaphthene	14.74	154	447471	37.921	ng		98
52) 3-Nitroaniline	14.58	138	114678	34.043	ng		100
53) 2,4-Dinitrophenol	14.78	184	135462	114.406	ng		97
54) Dibenzofuran	15.07	168	713801	38.611	ng		99
55) 4-Nitrophenol	14.89	139	232889	84.555	ng		97
56) 2,4-Dinitrotoluene	15.03	165	190474	46.753	ng		94
57) Fluorene	15.72	166	576684	41.728	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	188737	46.961	ng		96
59) Diethylphthalate	15.49	149	596933	38.990	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	331431	38.837	ng		99
61) 4-Nitroaniline	15.74	138	151885	43.087	ng		96
62) Azobenzene	16.01	77	586612	37.658	ng		98
64) 4,6-Dinitro-2-methylphenol	15.80	198	108758	51.935	ng		98
65) n-Nitrosodiphenylamine	15.93	169	530736	37.469	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	220475	39.502	ng		98
67) Hexachlorobenzene	16.73	284	223962	39.243	ng		98
68) Atrazine	16.87	200	228291	42.938	ng		97
69) Pentachlorophenol	17.07	266	271774	70.067	ng		98
70) Phenanthrene	17.46	178	965322	39.851	ng		98
71) Anthracene	17.55	178	992718	41.113	ng		98
72) Carbazole	17.82	167	883643	36.643	ng		99
73) Di-n-butylphthalate	18.38	149	1014910	37.795	ng		100
74) Fluoranthene	19.46	202	1190138	40.298	ng		99
76) Benzidine	19.65	184	706666	47.176	ng		99
77) Pyrene	19.83	202	1159586	40.163	ng		98
79) Butylbenzylphthalate	20.71	149	464163	40.396	ng		98
80) Benzo(a)anthracene	21.67	228	1165365	40.971	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	318684	28.113	ng		98
82) Chrysene	21.73	228	1092985	40.540	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	631764	39.291	ng		99
84) Di-n-octyl phthalate	22.78	149	1069612	39.827	ng		98
85) Indeno(1,2,3-cd)pyrene	28.54	276	1333609	42.588	ng	#	95
87) Benzo(b)fluoranthene	23.88	252	1186570	43.748	ng		97
88) Benzo(k)fluoranthene	23.95	252	1098983	41.475	ng		99
89) Benzo(a)pyrene	24.74	252	1129526	43.338	ng		100
90) Dibenzo(a,h)anthracene	28.60	278	1079556	42.905	ng		97
91) Benzo(g,h,i)perylene	29.69	276	1103745	43.652	ng		97

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

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