Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030618\
Data File : BG033021.D
Acq On : 6 Mar 2018 14:21
Operator : SJ/JU
Sample : PB107075BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107075BS

Manual Integrations APPROVED
Sohil
3/7/2018 12:10:57 PM

Quant Time: Mar 06 17:54:02 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 17:38:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	52824	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	241166	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	148122	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	346463	20.00	ng		0.00
75) Chrysene-d12	22.61	240	317784	20.00	ng		0.00
86) Perylene-d12	26.40	264	344732	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	282990	85.71	ng		0.00
7) Phenol-d6	8.00	99	386460	83.97	ng		0.00
23) Nitrobenzene-d5	10.11	82	330246	93.86	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	141402	90.79	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	737858	71.84	ng		0.00
78) Terphenyl-d14	20.77	244	1069026	75.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	50726	35.399	ng		94
3) Pyridine	4.42	79	145027	36.720	ng		92
4) n-Nitrosodimethylamine	4.32	42	79819	50.407	ng	#	85
6) Aniline	8.20	93	130500	20.948	ng		98
8) 2-Chlorophenol	8.46	128	162375	44.929	ng		93
9) Benzaldehyde	8.00	77	50447	19.019	ng		95
10) Phenol	8.03	94	213299	45.976	ng		96
11) bis(2-Chloroethyl)ether	8.29	93	143223	37.754	ng		98
12) 1,3-Dichlorobenzene	8.80	146	157371	37.178	ng		98
13) 1,4-Dichlorobenzene	8.94	146	159800	37.504	ng		95
14) 1,2-Dichlorobenzene	9.28	146	152108	37.254	ng		96
15) Benzyl Alcohol	9.14	79	142896	42.235	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.43	45	277133	42.495	ng		99
17) 2-Methylphenol	9.34	107	142696	41.711	ng		97
18) Hexachloroethane	10.04	117	58234	40.141	ng	#	83
19) n-Nitroso-di-n-propylamine	9.72	70	122952	37.842	ng	#	90
20) 3+4-Methylphenols	9.67	107	198835	41.801	ng		95
22) Acetophenone	9.75	105	229354	37.657	ng	#	99
24) Nitrobenzene	10.15	77	175404	45.925	ng		94
25) Isophorone	10.68	82	340162	40.186	ng		96
26) 2-Nitrophenol	10.88	139	85162	58.225	ng		95
27) 2,4-Dimethylphenol	10.91	122	175661	47.770	ng		91
28) bis(2-Chloroethoxy)methane	11.15	93	202858	41.137	ng		96
29) 2,4-Dichlorophenol	11.42	162	155862	46.702	ng		96
30) 1,2,4-Trichlorobenzene	11.65	180	143415	36.659	ng		96
31) Naphthalene	11.85	128	488508	38.765	ng		99
32) Benzoic acid	11.01	122	102012	45.592	ng		86
33) 4-Chloroaniline	11.93	127	123500	21.918	ng		97
34) Hexachlorobutadiene	12.11	225	78070	35.577	ng		99
35) Caprolactam	12.69	113	65739	49.193	ng		97
36) 4-Chloro-3-methylphenol	13.00	107	194848	50.170	ng		94
37) 2-Methylnaphthalene	13.40	142	365808	40.123	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	154317	35.096	ng	#	97
40) Hexachlorocyclopentadiene	13.73	237	184228	82.212	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	123209	44.433	ng		98
43) 2,4,5-Trichlorophenol	14.04	196	138510	43.158	ng	#	96
45) 1,1'-Biphenyl	14.37	154	465400	35.956	ng		96
46) 2-Chloronaphthalene	14.43	162	357175	36.941	ng		97
47) 2-Nitroaniline	14.61	65	136887	54.470	ng		93
48) Acenaphthylene	15.26	152	596911	37.708	ng		99
49) Dimethylphthalate	14.95	163	487225	38.740	ng		99
50) 2,6-Dinitrotoluene	15.08	165	111046	52.354	ng		96
51) Acenaphthene	15.59	154	397471	40.317	ng		98
52) 3-Nitroaniline	15.41	138	82136	34.425	ng	#	84
53) 2,4-Dinitrophenol	15.61	184	63504	91.514	ng		89
54) Dibenzofuran	15.92	168	561975	40.034	ng		93
55) 4-Nitrophenol	15.68	139	181514	87.413	ng		86
56) 2,4-Dinitrotoluene	15.86	165	156939	60.191	ng		85
57) Fluorene	16.56	166	457520	39.489	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	122718m	49.250	ng		
59) Diethylphthalate	16.29	149	529267	39.898	ng		98
60) 4-Chlorophenyl-phenylether	16.53	204	225237	39.740	ng	#	88
61) 4-Nitroaniline	16.56	138	116976	43.519	ng		93
62) Azobenzene	16.83	77	489130	41.216	ng		96
64) 4,6-Dinitro-2-methylphenol	16.61	198	61801	56.937	ng		91
65) n-Nitrosodiphenylamine	16.75	169	431353	38.271	ng		98
66) 4-Bromophenyl-phenylether	17.43	248	137890	37.639	ng	#	87
67) Hexachlorobenzene	17.56	284	143801	36.323	ng	#	90
68) Atrazine	17.66	200	151601	40.863	ng		97
69) Pentachlorophenol	17.89	266	187426	75.160	ng		100
70) Phenanthrene	18.30	178	746145	38.602	ng		99
71) Anthracene	18.39	178	769428	39.650	ng		99
72) Carbazole	18.64	167	718682	37.574	ng		97
73) Di-n-butylphthalate	19.14	149	908044	38.697	ng		99
74) Fluoranthene	20.25	202	838781	39.284	ng		94
76) Benzidine	20.40	184	239553	22.115	ng		98
77) Pyrene	20.61	202	852697	38.049	ng		99
79) Butylbenzylphthalate	21.46	149	429021	43.179	ng		94
80) Benzo(a)anthracene	22.58	228	808611	39.681	ng		99
81) 3,3'-Dichlorobenzidine	22.47	252	183478	24.311	ng	#	99
82) Chrysene	22.67	228	766596	39.381	ng		98
83) Bis(2-ethylhexyl)phthalate	22.41	149	605468	41.167	ng		96
84) Di-n-octyl phthalate	23.83	149	1043336	46.540	ng		99
85) Indeno(1,2,3-cd)pyrene	30.82	276	845409	37.240	ng		96
87) Benzo(b)fluoranthene	25.19	252	826871	40.567	ng	#	96
88) Benzo(k)fluoranthene	25.27	252	792246	39.109	ng	#	97
89) Benzo(a)pyrene	26.23	252	793902	40.950	ng	#	96
90) Dibenzo(a,h)anthracene	30.91	278	726392	37.224	ng	#	95
91) Benzo(g,h,i)perylene	32.22	276	730071	37.952	ng	#	92

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

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