Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
Data File : BG033049.D
Acq On : 8 Mar 2018 20:24
Operator : SJ/JU
Sample : PB107143BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB107143BS

Manual Integrations APPROVED
Sohil
3/9/2018 11:41:28 AM

Quant Time: Mar 09 02:34:59 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	59171	20.00	ng		0.00
21) Naphthalene-d8	11.79	136	258634	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	150072	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	331725	20.00	ng		0.00
75) Chrysene-d12	22.61	240	303948	20.00	ng		0.00
86) Perylene-d12	26.41	264	322712	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	310352	83.91	ng		0.00
7) Phenol-d6	8.01	99	418857	81.25	ng		0.00
23) Nitrobenzene-d5	10.11	82	357637	94.68	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	140062	88.76	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	773587	74.34	ng		0.00
78) Terphenyl-d14	20.77	244	1038750	76.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	55190	34.383	ng	#	91
3) Pyridine	4.42	79	157250	35.544	ng		93
4) n-Nitrosodimethylamine	4.32	42	89579	50.503	ng	#	84
6) Aniline	8.20	93	142795	20.463	ng		99
8) 2-Chlorophenol	8.46	128	175843	43.437	ng		96
9) Benzaldehyde	8.01	77	55099	18.545	ng		96
10) Phenol	8.03	94	230773	44.407	ng		97
11) bis(2-Chloroethyl)ether	8.29	93	157485	37.061	ng		98
12) 1,3-Dichlorobenzene	8.80	146	172306	36.340	ng		98
13) 1,4-Dichlorobenzene	8.95	146	174729	36.609	ng		97
14) 1,2-Dichlorobenzene	9.28	146	166510	36.407	ng		99
15) Benzyl Alcohol	9.14	79	155693	41.081	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.43	45	311448	42.634	ng		99
17) 2-Methylphenol	9.34	107	154627	40.350	ng		96
18) Hexachloroethane	10.04	117	63429	39.032	ng	#	87
19) n-Nitroso-di-n-propylamine	9.72	70	134430	36.937	ng	#	92
20) 3+4-Methylphenols	9.67	107	209961	39.405	ng		95
22) Acetophenone	9.76	105	246041	37.668	ng	#	97
24) Nitrobenzene	10.16	77	189957	46.314	ng		93
25) Isophorone	10.68	82	358574	39.500	ng		95
26) 2-Nitrophenol	10.88	139	90648	57.915	ng		94
27) 2,4-Dimethylphenol	10.91	122	186160	47.206	ng		93
28) bis(2-Chloroethoxy)methane	11.15	93	216588	40.955	ng		95
29) 2,4-Dichlorophenol	11.42	162	164056	45.837	ng		93
30) 1,2,4-Trichlorobenzene	11.65	180	156079	37.202	ng		95
31) Naphthalene	11.85	128	523831	38.760	ng		99
32) Benzoic acid	11.02	122	111877m	46.297	ng		
33) 4-Chloroaniline	11.94	127	127766	21.144	ng		95
34) Hexachlorobutadiene	12.11	225	84554	35.929	ng		93
35) Caprolactam	12.69	113	62838	43.847	ng		96
36) 4-Chloro-3-methylphenol	12.99	107	195050	46.830	ng		95
37) 2-Methylnaphthalene	13.40	142	385722	39.450	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	165172	37.076	ng	#	97
40) Hexachlorocyclopentadiene	13.73	237	203886	89.802	ng		93

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	125040	44.507 ng		98
43) 2,4,5-Trichlorophenol	14.04	196	139510	42.905 ng	#	96
45) 1,1'-Biphenyl	14.37	154	484056	36.911 ng		95
46) 2-Chloronaphthalene	14.43	162	367616	37.527 ng		96
47) 2-Nitroaniline	14.61	65	135218	53.353 ng		94
48) Acenaphthylene	15.26	152	602930	37.593 ng		99
49) Dimethylphthalate	14.95	163	478567	37.557 ng		100
50) 2,6-Dinitrotoluene	15.08	165	107373	50.370 ng		96
51) Acenaphthene	15.59	154	417163	41.765 ng		99
52) 3-Nitroaniline	15.41	138	78714	32.970 ng	#	87
53) 2,4-Dinitrophenol	15.61	184	89922	115.478 ng		94
54) Dibenzofuran	15.92	168	560030	39.377 ng		93
55) 4-Nitrophenol	15.68	139	175059	83.549 ng		90
56) 2,4-Dinitrotoluene	15.86	165	150354	57.735 ng		89
57) Fluorene	16.56	166	452092	38.513 ng		99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	118503m	46.941 ng		
59) Diethylphthalate	16.29	149	513101	38.177 ng		97
60) 4-Chlorophenyl-phenylether	16.53	204	226993	39.529 ng		89
61) 4-Nitroaniline	16.56	138	113903	42.031 ng		90
62) Azobenzene	16.83	77	483371	40.202 ng		96
64) 4,6-Dinitro-2-methylphenol	16.61	198	66726	61.850 ng		88
65) n-Nitrosodiphenylamine	16.75	169	419455	38.869 ng		99
66) 4-Bromophenyl-phenylether	17.43	248	137117	39.091 ng	#	87
67) Hexachlorobenzene	17.56	284	143316	37.809 ng	#	93
68) Atrazine	17.66	200	144237	40.605 ng		97
69) Pentachlorophenol	17.89	266	186611	78.158 ng		98
70) Phenanthrene	18.30	178	722294	39.028 ng		98
71) Anthracene	18.39	178	737189	39.676 ng		99
72) Carbazole	18.64	167	690515	37.705 ng		98
73) Di-n-butylphthalate	19.14	149	866225	38.555 ng		99
74) Fluoranthene	20.25	202	811502	39.695 ng		94
76) Benzidine	20.40	184	225097	21.726 ng		98
77) Pyrene	20.61	202	817321	38.131 ng		97
79) Butylbenzylphthalate	21.47	149	407149	42.843 ng		92
80) Benzo(a)anthracene	22.59	228	784130	40.231 ng		100
81) 3,3'-Dichlorobenzidine	22.47	252	179789	24.906 ng	#	95
82) Chrysene	22.67	228	740330	39.763 ng		98
83) Bis(2-ethylhexyl)phthalate	22.42	149	580932	41.297 ng		96
84) Di-n-octyl phthalate	23.83	149	995512	46.428 ng		99
85) Indeno(1,2,3-cd)pyrene	30.83	276	823088	37.907 ng	#	94
87) Benzo(b)fluoranthene	25.19	252	780548	40.907 ng	#	97
88) Benzo(k)fluoranthene	25.27	252	789586	41.637 ng	#	97
89) Benzo(a)pyrene	26.24	252	763333	42.060 ng	#	97
90) Dibenzo(a,h)anthracene	30.92	278	686935	37.604 ng	#	95
91) Benzo(g,h,i)perylene	32.24	276	686318	38.112 ng	#	92

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

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