Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033704.D
Acq On : 10 Apr 2018 7:03
Operator : SJ/JU
Sample : PB108088BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB108088BS

Manual Integrations APPROVED
Sohil
4/10/2018 3:36:56 PM

Quant Time: Apr 10 08:35:26 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	39869	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	164339	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	119604	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	307318	20.00	ng		0.00
75) Chrysene-d12	22.55	240	319440	20.00	ng		0.00
86) Perylene-d12	26.31	264	342880	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	379973	178.71	ng		0.00
7) Phenol-d6	7.97	99	562125	153.87	ng		0.00
23) Nitrobenzene-d5	10.06	82	358654	100.27	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	252001	140.88	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	816400	98.54	ng		0.00
78) Terphenyl-d14	20.73	244	1484616	99.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	50262	46.549	ng	#	85
3) Pyridine	4.38	79	131681	44.116	ng		95
4) n-Nitrosodimethylamine	4.29	42	66932	54.641	ng	#	77
6) Aniline	8.16	93	41570	9.676	ng		96
8) 2-Chlorophenol	8.41	128	126565	52.069	ng		91
9) Benzaldehyde	7.97	77	36745m	15.827	ng		
10) Phenol	8.00	94	191303	53.038	ng		91
11) bis(2-Chloroethyl)ether	8.24	93	117175	39.800	ng		98
12) 1,3-Dichlorobenzene	8.74	146	137588	43.295	ng	#	93
13) 1,4-Dichlorobenzene	8.89	146	129379	40.652	ng		99
14) 1,2-Dichlorobenzene	9.22	146	137901	44.395	ng		96
15) Benzyl Alcohol	9.09	79	138618	48.193	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.38	45	223932	46.658	ng		88
17) 2-Methylphenol	9.30	107	114744	46.698	ng	#	88
18) Hexachloroethane	9.97	117	54587	44.439	ng		97
19) n-Nitroso-di-n-propylamine	9.66	70	119444	44.619	ng		97
20) 3+4-Methylphenols	9.63	107	161971	46.298	ng		92
22) Acetophenone	9.70	105	207216	46.024	ng	#	98
24) Nitrobenzene	10.10	77	179762	46.952	ng		92
25) Isophorone	10.61	82	337058	48.551	ng		99
26) 2-Nitrophenol	10.83	139	71440	49.286	ng	#	90
27) 2,4-Dimethylphenol	10.86	122	125212	59.464	ng		84
28) bis(2-Chloroethoxy)methane	11.10	93	173303	50.032	ng		94
29) 2,4-Dichlorophenol	11.37	162	139238	53.768	ng		99
30) 1,2,4-Trichlorobenzene	11.59	180	144108	42.832	ng		93
31) Naphthalene	11.79	128	405292	47.591	ng		97
32) Benzoic acid	10.99	122	37652	19.235	ng	#	85
33) 4-Chloroaniline	11.90	127	28560	7.485	ng	#	90
34) Hexachlorobutadiene	12.05	225	106502	41.859	ng		93
35) Caprolactam	12.64	113	50859	50.132	ng		97
36) 4-Chloro-3-methylphenol	12.96	107	164141	48.598	ng		93
37) 2-Methylnaphthalene	13.34	142	298635	45.180	ng		89
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	192478	44.428	ng		98
40) Hexachlorocyclopentadiene	13.67	237	218056	85.857	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	124169	49.330	ng		95
43) 2,4,5-Trichlorophenol	14.00	196	139449	46.870	ng		97
45) 1,1'-Biphenyl	14.32	154	422376	45.966	ng		95
46) 2-Chloronaphthalene	14.38	162	320288	45.206	ng		97
47) 2-Nitroaniline	14.56	65	132788	50.038	ng		90
48) Acenaphthylene	15.21	152	527252	44.583	ng		98
49) Dimethylphthalate	14.90	163	466587	44.826	ng		99
50) 2,6-Dinitrotoluene	15.03	165	101640	47.756	ng		89
51) Acenaphthene	15.54	154	347341	45.560	ng		96
52) 3-Nitroaniline	15.38	138	31701	14.207	ng	#	97
53) 2,4-Dinitrophenol	15.57	184	47674	46.765	ng	#	84
54) Dibenzofuran	15.87	168	525225	46.640	ng		93
55) 4-Nitrophenol	15.66	139	156822	99.950	ng	#	82
56) 2,4-Dinitrotoluene	15.81	165	150267	47.952	ng		95
57) Fluorene	16.51	166	435139	45.356	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.09	232	137977	49.261	ng		98
59) Diethylphthalate	16.24	149	460584	45.570	ng		97
60) 4-Chlorophenyl-phenylether	16.48	204	241297	43.753	ng		97
61) 4-Nitroaniline	16.53	138	88916	39.351	ng		86
62) Azobenzene	16.78	77	469289	47.932	ng		99
64) 4,6-Dinitro-2-methylphenol	16.57	198	60711	33.023	ng		94
65) n-Nitrosodiphenylamine	16.70	169	405019	46.164	ng		95
66) 4-Bromophenyl-phenylether	17.38	248	161007	44.611	ng	#	93
67) Hexachlorobenzene	17.51	284	164578	43.208	ng		95
68) Atrazine	17.62	200	172157	48.424	ng		97
69) Pentachlorophenol	17.85	266	182003	69.618	ng		97
70) Phenanthrene	18.25	178	730056	45.614	ng		99
71) Anthracene	18.34	178	772233	47.652	ng		100
72) Carbazole	18.60	167	671409	46.754	ng		98
73) Di-n-butylphthalate	19.09	149	814270	48.715	ng	#	98
74) Fluoranthene	20.20	202	934004	47.157	ng		97
76) Benzidine	20.36	184	225640	26.047	ng		99
77) Pyrene	20.56	202	941003	44.169	ng		99
79) Butylbenzylphthalate	21.41	149	377197	47.978	ng		94
80) Benzo(a)anthracene	22.53	228	928274	45.637	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	103766	14.336	ng	#	94
82) Chrysene	22.61	228	893972	45.403	ng		98
83) Bis(2-ethylhexyl)phthalate	22.35	149	527716	48.693	ng		98
84) Di-n-octyl phthalate	23.73	149	909466	54.807	ng		100
85) Indeno(1,2,3-cd)pyrene	30.67	276	1056617	49.634	ng	#	87
87) Benzo(b)fluoranthene	25.10	252	909333	45.903	ng	#	98
88) Benzo(k)fluoranthene	25.18	252	939044m	46.869	ng		
89) Benzo(a)pyrene	26.13	252	912447	47.963	ng		97
90) Dibenzo(a,h)anthracene	30.76	278	880128	49.115	ng	#	96
91) Benzo(g,h,i)perylene	32.06	276	874085	49.258	ng	#	96

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

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