Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
Data File : BG033824.D
Acq On : 16 Apr 2018 20:00
Operator : SJ/JU
Sample : PB108262BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB108262BS

Manual Integrations APPROVED
Sohil
4/17/2018 5:20:47 PM

Quant Time: Apr 17 04:28:23 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 16 11:44:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	27242	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	126085	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	106733	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	283756	20.00	ng		0.00
75) Chrysene-d12	22.55	240	294207	20.00	ng		0.00
86) Perylene-d12	26.31	264	316448	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	142500	98.09	ng		0.00
7) Phenol-d6	7.99	99	231571	92.77	ng		0.00
23) Nitrobenzene-d5	10.06	82	274132	99.89	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	147365	92.32	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	687050	92.93	ng		0.00
78) Terphenyl-d14	20.72	244	1351484	98.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.90	88	29714	40.274	ng	#	90
3) Pyridine	4.38	79	75144	36.844	ng		98
4) n-Nitrosodimethylamine	4.31	42	23244m	27.771	ng		
6) Aniline	8.15	93	60140	20.487	ng	#	81
8) 2-Chlorophenol	8.41	128	96992	58.398	ng		92
9) Benzaldehyde	8.03	77	23317m	14.698	ng		
10) Phenol	8.01	94	118975	48.274	ng		84
11) bis(2-Chloroethyl)ether	8.23	93	88328	43.908	ng		87
12) 1,3-Dichlorobenzene	8.73	146	101912m	46.933	ng		
13) 1,4-Dichlorobenzene	8.89	146	96319	44.292	ng		94
14) 1,2-Dichlorobenzene	9.22	146	99435	46.849	ng		96
15) Benzyl Alcohol	9.10	79	89309	45.441	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.36	45	189626	57.823	ng		74
17) 2-Methylphenol	9.31	107	80537m	47.969	ng		
18) Hexachloroethane	9.96	117	44534	53.060	ng		92
19) n-Nitroso-di-n-propylamine	9.66	70	94067	51.427	ng		98
20) 3+4-Methylphenols	9.64	107	110342	46.159	ng		89
22) Acetophenone	9.70	105	145519	42.127	ng	#	93
24) Nitrobenzene	10.10	77	129584	44.115	ng		95
25) Isophorone	10.60	82	253372	47.570	ng		97
26) 2-Nitrophenol	10.83	139	53106	47.753	ng	#	77
27) 2,4-Dimethylphenol	10.87	122	75175	46.532	ng		90
28) bis(2-Chloroethoxy)methane	11.10	93	123106	46.323	ng	#	96
29) 2,4-Dichlorophenol	11.38	162	93554	47.088	ng		93
30) 1,2,4-Trichlorobenzene	11.58	180	118771	46.012	ng		98
31) Naphthalene	11.78	128	298601	45.701	ng		99
32) Benzoic acid	11.03	122	59018m	39.298	ng		
33) 4-Chloroaniline	11.95	127	21454m	7.329	ng		
34) Hexachlorobutadiene	12.04	225	91069	46.653	ng		96
35) Caprolactam	12.64	113	39240m	50.414	ng		
36) 4-Chloro-3-methylphenol	12.97	107	138686	53.520	ng		95
37) 2-Methylnaphthalene	13.33	142	228774	45.111	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	164532	42.557	ng		94
40) Hexachlorocyclopentadiene	13.65	237	168023	74.135	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	98743	43.959	ng		93
43) 2,4,5-Trichlorophenol	14.01	196	114632	43.175	ng		94
45) 1,1'-Biphenyl	14.31	154	366002	44.634	ng		95
46) 2-Chloronaphthalene	14.37	162	283230	44.796	ng		96
47) 2-Nitroaniline	14.58	65	113948	48.116	ng		92
48) Acenaphthylene	15.20	152	464056	43.971	ng		99
49) Dimethylphthalate	14.90	163	409051	44.038	ng		99
50) 2,6-Dinitrotoluene	15.03	165	92461	48.682	ng	#	87
51) Acenaphthene	15.53	154	258623	38.014	ng		95
52) 3-Nitroaniline	15.41	138	38321	19.245	ng	#	86
53) 2,4-Dinitrophenol	15.59	184	61896	64.562	ng		87
54) Dibenzofuran	15.87	168	465083	46.280	ng		92
55) 4-Nitrophenol	15.70	139	113964	81.394	ng		86
56) 2,4-Dinitrotoluene	15.81	165	132582	47.410	ng		92
57) Fluorene	16.51	166	374406	43.732	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.08	232	122556	49.032	ng		93
59) Diethylphthalate	16.23	149	425078	47.129	ng		99
60) 4-Chlorophenyl-phenylether	16.48	204	220234	44.750	ng		96
61) 4-Nitroaniline	16.55	138	62147	30.821	ng	#	85
62) Azobenzene	16.77	77	431898	49.432	ng		95
64) 4,6-Dinitro-2-methylphenol	16.57	198	68623	40.426	ng		94
65) n-Nitrosodiphenylamine	16.70	169	373533	46.110	ng		94
66) 4-Bromophenyl-phenylether	17.37	248	150010	45.015	ng		93
67) Hexachlorobenzene	17.50	284	155679	44.265	ng		98
68) Atrazine	17.62	200	163688	49.865	ng		93
69) Pentachlorophenol	17.85	266	190854	79.065	ng		95
70) Phenanthrene	18.25	178	634412	42.929	ng		99
71) Anthracene	18.34	178	652305	43.594	ng		99
72) Carbazole	18.61	167	637041	48.044	ng	#	97
73) Di-n-butylphthalate	19.08	149	758591	49.153	ng	#	97
74) Fluoranthene	20.20	202	845117	46.213	ng		98
76) Benzidine	20.37	184	230310	28.866	ng		99
77) Pyrene	20.56	202	864523	44.059	ng		98
79) Butylbenzylphthalate	21.41	149	346628	47.871	ng		99
80) Benzo(a)anthracene	22.53	228	810054	43.240	ng		100
81) 3,3'-Dichlorobenzidine	22.42	252	154289	23.144	ng		97
82) Chrysene	22.61	228	793312	43.746	ng		97
83) Bis(2-ethylhexyl)phthalate	22.34	149	479144	48.003	ng		98
84) Di-n-octyl phthalate	23.73	149	824906	53.975	ng		99
85) Indeno(1,2,3-cd)pyrene	30.70	276	902993	46.055	ng	#	85
87) Benzo(b)fluoranthene	25.10	252	774998	42.390	ng	#	96
88) Benzo(k)fluoranthene	25.18	252	822408	44.476	ng	#	98
89) Benzo(a)pyrene	26.14	252	780284	44.442	ng	#	94
90) Dibenzo(a,h)anthracene	30.77	278	742580	44.900	ng		98
91) Benzo(g,h,i)perylene	32.08	276	755422	46.127	ng		96

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

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