Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
Data File : BG034134.D
Acq On : 3 May 2018 2:31
Operator : SJ/JU
Sample : PB108811BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB108811BS

Manual Integrations APPROVED
Sohil
5/3/2018 4:59:37 PM

Quant Time: May 03 06:40:53 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	69619	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	293223	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	249092	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	698646	20.00	ng		0.00
75) Chrysene-d12	21.76	240	644441	20.00	ng		0.00
86) Perylene-d12	25.04	264	698701	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	596318	138.39	ng		0.00
7) Phenol-d6	7.22	99	907974	135.35	ng		0.00
23) Nitrobenzene-d5	9.23	82	617316	80.78	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	468297	135.77	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1384431	80.99	ng		0.00
78) Terphenyl-d14	20.09	244	2488950	84.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	61491	33.982	ng	#	81
3) Pyridine	3.94	79	195103	34.364	ng		88
4) n-Nitrosodimethylamine	3.85	42	126143	40.747	ng	#	81
6) Aniline	7.39	93	209810	22.994	ng		91
8) 2-Chlorophenol	7.64	128	185667	43.181	ng		87
9) Benzaldehyde	7.20	77	89939	20.641	ng		90
10) Phenol	7.25	94	314054	46.415	ng		78
11) bis(2-Chloroethyl)ether	7.49	93	206971	38.855	ng		90
12) 1,3-Dichlorobenzene	7.96	146	194090	35.680	ng	#	87
13) 1,4-Dichlorobenzene	8.11	146	196856	36.438	ng		94
14) 1,2-Dichlorobenzene	8.43	146	188976	36.825	ng		98
15) Benzyl Alcohol	8.31	79	290966	40.659	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.60	45	260367	35.526	ng		82
17) 2-Methylphenol	8.50	107	192815	43.308	ng	#	73
18) Hexachloroethane	9.16	117	83404	36.290	ng		97
19) n-Nitroso-di-n-propylamine	8.88	70	219861	36.495	ng		95
20) 3+4-Methylphenols	8.83	107	275381	41.764	ng		82
22) Acetophenone	8.89	105	358593	35.902	ng	#	98
24) Nitrobenzene	9.27	77	315099	37.667	ng	#	85
25) Isophorone	9.80	82	616662	39.554	ng		96
26) 2-Nitrophenol	9.99	139	97402	42.060	ng	#	60
27) 2,4-Dimethylphenol	10.05	122	216342	48.189	ng		89
28) bis(2-Chloroethoxy)methane	10.29	93	314808	41.109	ng		96
29) 2,4-Dichlorophenol	10.53	162	242312	45.154	ng		95
30) 1,2,4-Trichlorobenzene	10.75	180	229683	35.545	ng		99
31) Naphthalene	10.94	128	581468	37.728	ng		100
32) Benzoic acid	10.17	122	142766	37.334	ng	#	75
33) 4-Chloroaniline	11.04	127	68516	9.859	ng	#	83
34) Hexachlorobutadiene	11.23	225	187707	34.320	ng		92
35) Caprolactam	11.81	113	94469m	49.561	ng		
36) 4-Chloro-3-methylphenol	12.15	107	334882	48.127	ng		88
37) 2-Methylnaphthalene	12.54	142	489928	39.204	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	350993	36.414	ng		97
40) Hexachlorocyclopentadiene	12.89	237	451824	79.110	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	253036	45.183	ng		96
43) 2,4,5-Trichlorophenol	13.22	196	269215	43.484	ng	#	90
45) 1,1'-Biphenyl	13.55	154	727667	37.395	ng		98
46) 2-Chloronaphthalene	13.59	162	548687	37.244	ng		96
47) 2-Nitroaniline	13.79	65	263719	44.774	ng	#	84
48) Acenaphthylene	14.44	152	883087	37.545	ng		97
49) Dimethylphthalate	14.17	163	835682	38.690	ng		97
50) 2,6-Dinitrotoluene	14.29	165	188160	45.357	ng		85
51) Acenaphthene	14.78	154	663740	41.521	ng		93
52) 3-Nitroaniline	14.61	138	80878	19.343	ng		81
53) 2,4-Dinitrophenol	14.82	184	130150	80.196	ng	#	72
54) Dibenzofuran	15.11	168	923671	39.856	ng	#	87
55) 4-Nitrophenol	14.92	139	288627	90.437	ng	#	50
56) 2,4-Dinitrotoluene	15.07	165	269193	47.790	ng		94
57) Fluorene	15.77	166	778088	38.521	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.34	232	291464	45.507	ng		97
59) Diethylphthalate	15.54	149	882246	38.599	ng		98
60) 4-Chlorophenyl-phenylether	15.76	204	487468	40.565	ng		100
61) 4-Nitroaniline	15.78	138	176179	39.722	ng	#	43
62) Azobenzene	16.05	77	972000	39.366	ng		94
64) 4,6-Dinitro-2-methylphenol	15.83	198	116039	35.325	ng		98
65) n-Nitrosodiphenylamine	15.97	169	722927	37.949	ng		99
66) 4-Bromophenyl-phenylether	16.66	248	337519	38.911	ng		94
67) Hexachlorobenzene	16.77	284	337761	38.360	ng		94
68) Atrazine	16.92	200	346424	45.029	ng		96
69) Pentachlorophenol	17.11	266	446282	72.719	ng		94
70) Phenanthrene	17.51	178	1370671	38.181	ng		97
71) Anthracene	17.60	178	1402972	38.560	ng		99
72) Carbazole	17.87	167	1209467	36.313	ng		98
73) Di-n-butylphthalate	18.44	149	1408395	35.130	ng	#	97
74) Fluoranthene	19.52	202	1648914	36.348	ng		93
76) Benzidine	19.70	184	688620	41.483	ng		99
77) Pyrene	19.89	202	1632276	40.427	ng		96
79) Butylbenzylphthalate	20.78	149	598805	37.991	ng		90
80) Benzo(a)anthracene	21.74	228	1646945	39.877	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	329661	21.108	ng	#	96
82) Chrysene	21.81	228	1537732	38.900	ng		98
83) Bis(2-ethylhexyl)phthalate	21.67	149	828805	38.206	ng		97
84) Di-n-octyl phthalate	22.92	149	1405475	40.565	ng		99
85) Indeno(1,2,3-cd)pyrene	28.80	276	1832812	42.130	ng	#	87
87) Benzo(b)fluoranthene	24.00	252	1712379	38.798	ng	#	94
88) Benzo(k)fluoranthene	24.08	252	1585186	37.578	ng	#	97
89) Benzo(a)pyrene	24.90	252	1614689	39.104	ng	#	96
90) Dibenzo(a,h)anthracene	28.88	278	1504944	38.663	ng	#	92
91) Benzo(g,h,i)perylene	29.99	276	1502623	39.166	ng	#	92

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

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