Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033693.D
Acq On : 10 Apr 2018 00:10
Operator : SJ/JU
Sample : PB108036BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB108036BSD

Manual Integrations APPROVED
Sohil
4/10/2018 3:36:48 PM

Quant Time: Apr 10 07:31:04 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	42845	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	172006	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	124594	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	312484	20.00	ng		0.00
75) Chrysene-d12	22.56	240	324228	20.00	ng		0.00
86) Perylene-d12	26.31	264	346400	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	242697	106.22	ng		0.00
7) Phenol-d6	7.97	99	362552	92.35	ng		0.00
23) Nitrobenzene-d5	10.06	82	339693	90.73	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	154094	82.69	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	766825	88.85	ng		0.00
78) Terphenyl-d14	20.73	244	1316625	86.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	46461	40.040	ng		89
3) Pyridine	4.38	79	131467	40.985	ng		97
4) n-Nitrosodimethylamine	4.29	42	66217	50.303	ng	#	78
6) Aniline	8.16	93	88516	19.172	ng		95
8) 2-Chlorophenol	8.41	128	128187	49.073	ng		98
9) Benzaldehyde	7.97	77	33397m	13.386	ng		
10) Phenol	8.00	94	183230	47.271	ng		94
11) bis(2-Chloroethyl)ether	8.24	93	116048	36.679	ng		98
12) 1,3-Dichlorobenzene	8.74	146	134191m	39.293	ng		
13) 1,4-Dichlorobenzene	8.90	146	132148	38.638	ng		95
14) 1,2-Dichlorobenzene	9.22	146	132411	39.667	ng		97
15) Benzyl Alcohol	9.10	79	135639	43.881	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.37	45	225365	43.695	ng		92
17) 2-Methylphenol	9.30	107	113621m	43.029	ng		
18) Hexachloroethane	9.98	117	54273	41.115	ng		97
19) n-Nitroso-di-n-propylamine	9.67	70	113389	39.415	ng	#	98
20) 3+4-Methylphenols	9.63	107	159545	42.436	ng		85
22) Acetophenone	9.70	105	202669	43.008	ng	#	98
24) Nitrobenzene	10.10	77	174537	43.555	ng		91
25) Isophorone	10.62	82	324884	44.712	ng		99
26) 2-Nitrophenol	10.83	139	70507	46.474	ng	#	74
27) 2,4-Dimethylphenol	10.86	122	120689	54.761	ng		89
28) bis(2-Chloroethoxy)methane	11.10	93	165297	45.594	ng		96
29) 2,4-Dichlorophenol	11.38	162	130621	48.193	ng		97
30) 1,2,4-Trichlorobenzene	11.59	180	142047	40.338	ng		95
31) Naphthalene	11.79	128	383970	43.078	ng		99
32) Benzoic acid	11.00	122	67966m	33.174	ng		
33) 4-Chloroaniline	11.89	127	59093	14.798	ng	#	88
34) Hexachlorobutadiene	12.05	225	100411	37.706	ng		96
35) Caprolactam	12.64	113	48752	45.913	ng		94
36) 4-Chloro-3-methylphenol	12.96	107	164987	46.672	ng		93
37) 2-Methylnaphthalene	13.34	142	291465	42.130	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	184165	40.806	ng		96
40) Hexachlorocyclopentadiene	13.67	237	211157	79.811	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	116827	44.554	ng		99
43) 2,4,5-Trichlorophenol	14.00	196	134057	43.253	ng		98
45) 1,1'-Biphenyl	14.31	154	404994	42.309	ng		99
46) 2-Chloronaphthalene	14.37	162	309818	41.977	ng		98
47) 2-Nitroaniline	14.57	65	128123	46.346	ng		96
48) Acenaphthylene	15.21	152	514007	41.722	ng		99
49) Dimethylphthalate	14.90	163	446368	41.166	ng		99
50) 2,6-Dinitrotoluene	15.04	165	96666	43.600	ng		90
51) Acenaphthene	15.54	154	360036	45.334	ng		97
52) 3-Nitroaniline	15.38	138	51315	22.077	ng	#	94
53) 2,4-Dinitrophenol	15.57	184	84472	74.187	ng	#	77
54) Dibenzofuran	15.87	168	501623	42.760	ng	#	90
55) 4-Nitrophenol	15.66	139	160948	98.471	ng		88
56) 2,4-Dinitrotoluene	15.81	165	141851	43.453	ng		92
57) Fluorene	16.51	166	419465	41.972	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.09	232	129519	44.389	ng		99
59) Diethylphthalate	16.24	149	449891	42.729	ng		99
60) 4-Chlorophenyl-phenylether	16.49	204	232258	40.428	ng		96
61) 4-Nitroaniline	16.53	138	99894	42.439	ng		88
62) Azobenzene	16.78	77	454478	44.560	ng		97
64) 4,6-Dinitro-2-methylphenol	16.58	198	72504	38.785	ng		98
65) n-Nitrosodiphenylamine	16.70	169	389370	43.647	ng		97
66) 4-Bromophenyl-phenylether	17.38	248	152196	41.472	ng		94
67) Hexachlorobenzene	17.51	284	155884	40.249	ng		96
68) Atrazine	17.62	200	165673	45.830	ng		97
69) Pentachlorophenol	17.85	266	188046	70.740	ng		97
70) Phenanthrene	18.25	178	708981	43.565	ng		99
71) Anthracene	18.34	178	753844	45.748	ng		99
72) Carbazole	18.60	167	660859	45.259	ng		97
73) Di-n-butylphthalate	19.09	149	804627	47.342	ng	#	98
74) Fluoranthene	20.21	202	919648	45.665	ng		97
76) Benzidine	20.36	184	252714	28.742	ng		98
77) Pyrene	20.56	202	924959	42.774	ng		99
79) Butylbenzylphthalate	21.42	149	367832	46.096	ng		97
80) Benzo(a)anthracene	22.53	228	896318	43.415	ng		100
81) 3,3'-Dichlorobenzidine	22.42	252	177455	24.155	ng		96
82) Chrysene	22.61	228	864990	43.282	ng		96
83) Bis(2-ethylhexyl)phthalate	22.35	149	516582	46.961	ng		97
84) Di-n-octyl phthalate	23.74	149	887805	52.712	ng		100
85) Indeno(1,2,3-cd)pyrene	30.69	276	1016477	47.043	ng	#	86
87) Benzo(b)fluoranthene	25.11	252	898359	44.888	ng	#	95
88) Benzo(k)fluoranthene	25.19	252	871325	43.047	ng	#	97
89) Benzo(a)pyrene	26.14	252	879337	45.753	ng	#	98
90) Dibenzo(a,h)anthracene	30.77	278	852474	47.088	ng		98
91) Benzo(g,h,i)perylene	32.07	276	850744	47.456	ng		98

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

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