Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
Data File : BG032854.D
Acq On : 27 Feb 2018 14:33
Operator : SJ/JU
Sample : J1395-04MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-01-022318MSD

Manual Integrations APPROVED
Sohil
2/28/2018 1:01:30 PM

Quant Time: Feb 28 02:55:26 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	85467	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	372653	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	212181	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	450633	20.00	ng		0.00
75) Chrysene-d12	22.63	240	409014	20.00	ng		0.00
86) Perylene-d12	26.43	264	442513	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	597740	111.89	ng		0.00
7) Phenol-d6	8.02	99	732634	98.39	ng		0.00
23) Nitrobenzene-d5	10.12	82	506718	93.27	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	288475	129.30	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	1111918	75.58	ng		0.00
78) Terphenyl-d14	20.78	244	1514810	83.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.98	88	75405	32.523	ng		91
3) Pyridine	4.45	79	148128	23.180	ng		97
4) n-Nitrosodimethylamine	4.33	42	110567	43.156	ng	#	93
6) Aniline	8.21	93	155765	15.454	ng		95
8) 2-Chlorophenol	8.47	128	251126	42.947	ng		92
9) Benzaldehyde	8.02	77	77709	18.107	ng		95
10) Phenol	8.05	94	276663	36.858	ng		90
11) bis(2-Chloroethyl)ether	8.31	93	239368	38.999	ng		93
12) 1,3-Dichlorobenzene	8.81	146	250468	36.571	ng		97
13) 1,4-Dichlorobenzene	8.96	146	253186	36.726	ng		95
14) 1,2-Dichlorobenzene	9.29	146	244296	36.980	ng		96
15) Benzyl Alcohol	9.15	79	220605	40.299	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.45	45	388299	36.800	ng		97
17) 2-Methylphenol	9.35	107	210661	38.059	ng		96
18) Hexachloroethane	10.05	117	93243	39.725	ng	#	85
19) n-Nitroso-di-n-propylamine	9.73	70	196899	37.456	ng	#	96
20) 3+4-Methylphenols	9.69	107	289940	37.673	ng		94
22) Acetophenone	9.77	105	364663	38.747	ng	#	95
24) Nitrobenzene	10.17	77	267797	45.452	ng		89
25) Isophorone	10.69	82	540311	41.309	ng	#	94
26) 2-Nitrophenol	10.89	139	130873	57.998	ng		92
27) 2,4-Dimethylphenol	10.92	122	269306	47.396	ng		89
28) bis(2-Chloroethoxy)methane	11.17	93	327225	42.944	ng		96
29) 2,4-Dichlorophenol	11.43	162	237182	45.992	ng		94
30) 1,2,4-Trichlorobenzene	11.66	180	229726	38.002	ng		98
31) Naphthalene	11.86	128	769884	39.537	ng		99
32) Benzoic acid	11.03	122	131721	40.300	ng	#	80
33) 4-Chloroaniline	11.95	127	122019	14.014	ng		94
34) Hexachlorobutadiene	12.12	225	125716	37.076	ng		100
35) Caprolactam	12.69	113	70301	34.045	ng	#	83
36) 4-Chloro-3-methylphenol	13.00	107	275829	45.962	ng		89
37) 2-Methylnaphthalene	13.41	142	567725	40.299	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	235108	37.327	ng	#	96
40) Hexachlorocyclopentadiene	13.74	237	283172	88.215	ng		93

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	180418	45.421 ng		98
43) 2,4,5-Trichlorophenol	14.05	196	200946	43.709 ng	#	96
45) 1,1'-Biphenyl	14.38	154	706132	38.084 ng		94
46) 2-Chloronaphthalene	14.43	162	533203	38.498 ng		97
47) 2-Nitroaniline	14.61	65	182252	51.321 ng		91
48) Acenaphthylene	15.27	152	876313	38.645 ng		99
49) Dimethylphthalate	14.97	163	700981	38.909 ng		99
50) 2,6-Dinitrotoluene	15.09	165	155344	51.336 ng		87
51) Acenaphthene	15.60	154	582841	41.271 ng		98
52) 3-Nitroaniline	15.42	138	105326	31.607 ng	#	81
53) 2,4-Dinitrophenol	15.62	184	98910	97.064 ng	#	57
54) Dibenzofuran	15.93	168	812634	40.413 ng		95
55) 4-Nitrophenol	15.69	139	244114	82.500 ng	#	80
56) 2,4-Dinitrotoluene	15.87	165	214674	58.158 ng		87
57) Fluorene	16.57	166	655736	39.510 ng		99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	168288m	47.148 ng		
59) Diethylphthalate	16.31	149	738743	38.876 ng		99
60) 4-Chlorophenyl-phenylether	16.55	204	328419	40.451 ng		92
61) 4-Nitroaniline	16.57	138	164605	42.844 ng	#	80
62) Azobenzene	16.84	77	674583	39.682 ng		97
64) 4,6-Dinitro-2-methylphenol	16.62	198	81812	57.635 ng		95
65) n-Nitrosodiphenylamine	16.76	169	609850	41.600 ng		99
66) 4-Bromophenyl-phenylether	17.44	248	197844	41.521 ng	#	89
67) Hexachlorobenzene	17.57	284	204299	39.675 ng		95
68) Atrazine	17.68	200	196732	40.770 ng		95
69) Pentachlorophenol	17.90	266	259737	80.081 ng		99
70) Phenanthrene	18.31	178	1023300	40.703 ng		97
71) Anthracene	18.40	178	1045106	41.407 ng		98
72) Carbazole	18.65	167	975521	39.212 ng	#	96
73) Di-n-butylphthalate	19.16	149	1222376	40.051 ng		99
74) Fluoranthene	20.26	202	1125071	40.512 ng		94
76) Benzidine	20.41	184	122385	8.778 ng		100
77) Pyrene	20.61	202	1130756	39.203 ng		96
79) Butylbenzylphthalate	21.48	149	579063	45.280 ng		92
80) Benzo(a)anthracene	22.60	228	1101843	42.010 ng		98
81) 3,3'-Dichlorobenzidine	22.49	252	249314	25.666 ng	#	98
82) Chrysene	22.68	228	1034244	41.280 ng		96
83) Bis(2-ethylhexyl)phthalate	22.44	149	826670	43.670 ng	#	97
84) Di-n-octyl phthalate	23.87	149	1422334	49.295 ng		98
85) Indeno(1,2,3-cd)pyrene	30.87	276	1271010	43.499 ng		97
87) Benzo(b)fluoranthene	25.21	252	1103302	42.168 ng	#	96
88) Benzo(k)fluoranthene	25.29	252	1096570	42.171 ng	#	96
89) Benzo(a)pyrene	26.26	252	1078088	43.321 ng	#	95
90) Dibenzo(a,h)anthracene	30.96	278	1067698	42.624 ng	#	93
91) Benzo(g,h,i)perylene	32.26	276	1043082	42.242 ng	#	90

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

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