Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032953.D
Acq On : 2 Mar 2018 19:47
Operator : SJ/JU
Sample : J1774-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-17MSD

Manual Integrations APPROVED
Sohil
3/5/2018 3:18:07 PM

Quant Time: Mar 02 23:59:09 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	62212	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	277311	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	159773	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	352062	20.00	ng		0.00
75) Chrysene-d12	22.62	240	312854	20.00	ng		0.00
86) Perylene-d12	26.43	264	341581	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	599358	154.13	ng		0.00
7) Phenol-d6	8.02	99	814631	150.30	ng		0.00
23) Nitrobenzene-d5	10.12	82	481637	116.38	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	264069	157.19	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	994706	89.79	ng		0.00
78) Terphenyl-d14	20.78	244	1339509	96.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	69258	41.038	ng		93
3) Pyridine	4.43	79	194799	41.879	ng		99
4) n-Nitrosodimethylamine	4.33	42	111970	60.041	ng	#	87
6) Aniline	8.21	93	193991	26.441	ng		97
8) 2-Chlorophenol	8.46	128	225756	53.041	ng		95
9) Benzaldehyde	8.01	77	85006	27.212	ng		94
10) Phenol	8.05	94	326037	59.672	ng		93
11) bis(2-Chloroethyl)ether	8.30	93	208882	46.753	ng		97
12) 1,3-Dichlorobenzene	8.80	146	224947	45.123	ng		97
13) 1,4-Dichlorobenzene	8.96	146	227909	45.418	ng		96
14) 1,2-Dichlorobenzene	9.29	146	215502	44.815	ng		97
15) Benzyl Alcohol	9.15	79	201319	50.523	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.44	45	378020	49.218	ng		99
17) 2-Methylphenol	9.34	107	199227	49.448	ng		95
18) Hexachloroethane	10.05	117	83059	48.613	ng		89
19) n-Nitroso-di-n-propylamine	9.73	70	175910	45.971	ng	#	92
20) 3+4-Methylphenols	9.68	107	276316	49.324	ng		95
22) Acetophenone	9.76	105	323805	46.235	ng	#	97
24) Nitrobenzene	10.16	77	242970	54.018	ng		92
25) Isophorone	10.68	82	484829	49.811	ng		95
26) 2-Nitrophenol	10.89	139	122430	68.199	ng		96
27) 2,4-Dimethylphenol	10.92	122	242979	57.465	ng		90
28) bis(2-Chloroethoxy)methane	11.16	93	290321	51.200	ng		95
29) 2,4-Dichlorophenol	11.43	162	213356	55.596	ng		93
30) 1,2,4-Trichlorobenzene	11.66	180	205649	45.715	ng		97
31) Naphthalene	11.86	128	679657	46.904	ng		99
32) Benzoic acid	11.02	122	140628	51.617	ng	#	82
33) 4-Chloroaniline	11.94	127	169848	26.215	ng		95
34) Hexachlorobutadiene	12.12	225	110688	43.867	ng		99
35) Caprolactam	12.69	113	86481	56.280	ng		95
36) 4-Chloro-3-methylphenol	13.00	107	254562	57.002	ng		91
37) 2-Methylnaphthalene	13.40	142	502126	47.896	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	211805	44.657	ng	#	96
40) Hexachlorocyclopentadiene	13.73	237	248907	102.975	ng		91

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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	164364	54.952 ng		97
43) 2,4,5-Trichlorophenol	14.05	196	179877	51.961 ng	#	96
45) 1,1'-Biphenyl	14.37	154	629216	45.067 ng		94
46) 2-Chloronaphthalene	14.43	162	478777	45.907 ng		98
47) 2-Nitroaniline	14.61	65	172219	61.896 ng		91
48) Acenaphthylene	15.27	152	781880	45.791 ng		99
49) Dimethylphthalate	14.96	163	740770	54.604 ng		99
50) 2,6-Dinitrotoluene	15.09	165	139835	59.629 ng		92
51) Acenaphthene	15.60	154	538142	50.605 ng		97
52) 3-Nitroaniline	15.42	138	104501	39.250 ng	#	85
53) 2,4-Dinitrophenol	15.62	184	117794	132.860 ng		94
54) Dibenzofuran	15.92	168	722477	47.714 ng		94
55) 4-Nitrophenol	15.69	139	240706	105.841 ng		84
56) 2,4-Dinitrotoluene	15.86	165	196923	67.350 ng		85
57) Fluorene	16.57	166	578069	46.255 ng		99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	153962m	57.283 ng		
59) Diethylphthalate	16.30	149	677915	47.377 ng		98
60) 4-Chlorophenyl-phenylether	16.54	204	289518	47.356 ng		91
61) 4-Nitroaniline	16.57	138	151130	51.077 ng		85
62) Azobenzene	16.83	77	649288	50.722 ng		96
64) 4,6-Dinitro-2-methylphenol	16.62	198	90902	73.302 ng		93
65) n-Nitrosodiphenylamine	16.75	169	541422	47.273 ng		99
66) 4-Bromophenyl-phenylether	17.43	248	173879	46.708 ng	#	87
67) Hexachlorobenzene	17.56	284	178384	44.342 ng	#	91
68) Atrazine	17.67	200	189783	50.341 ng		95
69) Pentachlorophenol	17.90	266	244043	96.308 ng		98
70) Phenanthrene	18.30	178	918349	46.755 ng		98
71) Anthracene	18.40	178	937737	47.555 ng		99
72) Carbazole	18.65	167	889605	45.770 ng		98
73) Di-n-butylphthalate	19.15	149	1113985	46.719 ng		99
74) Fluoranthene	20.25	202	1012369	46.660 ng		93
76) Benzidine	20.41	184	293874	27.557 ng		99
77) Pyrene	20.61	202	1010553	45.804 ng		97
79) Butylbenzylphthalate	21.47	149	518792	53.036 ng		93
80) Benzo(a)anthracene	22.60	228	963282	48.016 ng		100
81) 3,3'-Dichlorobenzidine	22.48	252	230912	31.078 ng	#	98
82) Chrysene	22.68	228	906034	47.278 ng		97
83) Bis(2-ethylhexyl)phthalate	22.43	149	744879	51.444 ng	#	96
84) Di-n-octyl phthalate	23.85	149	1259066	57.048 ng		100
85) Indeno(1,2,3-cd)pyrene	30.86	276	1072447	47.985 ng		97
87) Benzo(b)fluoranthene	25.20	252	977829	48.415 ng	#	97
88) Benzo(k)fluoranthene	25.29	252	946267	47.143 ng	#	96
89) Benzo(a)pyrene	26.25	252	948606	49.381 ng	#	96
90) Dibenzo(a,h)anthracene	30.94	278	886119	45.828 ng	#	93
91) Benzo(g,h,i)perylene	32.26	276	888943	46.637 ng	#	92

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

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