Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032952.D
Acq On : 2 Mar 2018 19:09
Operator : SJ/JU
Sample : J1774-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-17MS

Manual Integrations APPROVED
Sohil
3/5/2018 3:18:04 PM

Quant Time: Mar 02 23:57:51 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	61656	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	277304	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	162104	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	356957	20.00	ng		0.00
75) Chrysene-d12	22.62	240	317925	20.00	ng		0.00
86) Perylene-d12	26.43	264	342060	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	511786	132.80	ng		0.00
7) Phenol-d6	8.01	99	683429	127.23	ng		0.00
23) Nitrobenzene-d5	10.12	82	398009	97.90	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	225339	132.20	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	828800	73.74	ng		0.00
78) Terphenyl-d14	20.78	244	1129385	79.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	62975	37.652	ng		91
3) Pyridine	4.42	79	167643	36.366	ng		95
4) n-Nitrosodimethylamine	4.33	42	94002	50.861	ng	#	90
6) Aniline	8.21	93	139631	19.203	ng		99
8) 2-Chlorophenol	8.46	128	190586	45.181	ng		94
9) Benzaldehyde	8.01	77	69809	22.548	ng		93
10) Phenol	8.04	94	276558	51.072	ng		95
11) bis(2-Chloroethyl)ether	8.30	93	175954	39.738	ng		95
12) 1,3-Dichlorobenzene	8.80	146	189340	38.323	ng		98
13) 1,4-Dichlorobenzene	8.95	146	191937	38.594	ng		97
14) 1,2-Dichlorobenzene	9.29	146	179956	37.761	ng		97
15) Benzyl Alcohol	9.15	79	164673	41.699	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.44	45	315067	41.391	ng		99
17) 2-Methylphenol	9.35	107	168686	42.245	ng		96
18) Hexachloroethane	10.05	117	69749	41.191	ng	#	84
19) n-Nitroso-di-n-propylamine	9.73	70	143740	37.903	ng	#	91
20) 3+4-Methylphenols	9.68	107	227633	41.000	ng		94
22) Acetophenone	9.76	105	269643	38.502	ng	#	96
24) Nitrobenzene	10.16	77	201876	45.962	ng		92
25) Isophorone	10.68	82	396220	40.708	ng	#	94
26) 2-Nitrophenol	10.89	139	96664	57.691	ng		96
27) 2,4-Dimethylphenol	10.92	122	204329	48.325	ng		88
28) bis(2-Chloroethoxy)methane	11.16	93	242942	42.846	ng		95
29) 2,4-Dichlorophenol	11.43	162	179079	46.665	ng		96
30) 1,2,4-Trichlorobenzene	11.66	180	169765	37.739	ng		97
31) Naphthalene	11.86	128	571961	39.472	ng		99
32) Benzoic acid	11.02	122	108254	43.148	ng	#	81
33) 4-Chloroaniline	11.94	127	125360	19.349	ng		97
34) Hexachlorobutadiene	12.12	225	91842	36.399	ng		96
35) Caprolactam	12.69	113	72860	47.417	ng		93
36) 4-Chloro-3-methylphenol	13.00	107	213803	47.876	ng		91
37) 2-Methylnaphthalene	13.41	142	418973	39.966	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	176576	36.694	ng	#	96
40) Hexachlorocyclopentadiene	13.73	237	208729	85.111	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	137550	45.326	ng		97
43) 2,4,5-Trichlorophenol	14.05	196	152613	43.451	ng	#	96
45) 1,1'-Biphenyl	14.38	154	531064	37.490	ng		96
46) 2-Chloronaphthalene	14.43	162	400537	37.853	ng		97
47) 2-Nitroaniline	14.61	65	145571	53.208	ng		92
48) Acenaphthylene	15.26	152	662885	38.264	ng		99
49) Dimethylphthalate	14.96	163	650873	47.288	ng		99
50) 2,6-Dinitrotoluene	15.09	165	118933	51.426	ng		91
51) Acenaphthene	15.60	154	445262	41.269	ng		99
52) 3-Nitroaniline	15.42	138	85021	32.969	ng	#	87
53) 2,4-Dinitrophenol	15.61	184	87842	107.775	ng	#	78
54) Dibenzofuran	15.93	168	619445	40.322	ng		94
55) 4-Nitrophenol	15.69	139	196771	86.654	ng		84
56) 2,4-Dinitrotoluene	15.86	165	165548	58.564	ng	#	87
57) Fluorene	16.57	166	500969	39.509	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.13	232	129429m	47.463	ng		
59) Diethylphthalate	16.30	149	572350	39.425	ng		98
60) 4-Chlorophenyl-phenylether	16.54	204	245582	39.592	ng		91
61) 4-Nitroaniline	16.57	138	126511	43.069	ng		85
62) Azobenzene	16.84	77	575045	44.277	ng		96
64) 4,6-Dinitro-2-methylphenol	16.62	198	72429	62.220	ng		99
65) n-Nitrosodiphenylamine	16.75	169	464534	40.004	ng		99
66) 4-Bromophenyl-phenylether	17.44	248	147515	39.083	ng	#	88
67) Hexachlorobenzene	17.57	284	152384	37.359	ng	#	93
68) Atrazine	17.67	200	159062	41.614	ng		96
69) Pentachlorophenol	17.89	266	204544	79.614	ng		99
70) Phenanthrene	18.31	178	795328	39.937	ng		98
71) Anthracene	18.39	178	811203	40.574	ng		98
72) Carbazole	18.65	167	757813	38.455	ng		97
73) Di-n-butylphthalate	19.15	149	956312	39.556	ng		99
74) Fluoranthene	20.26	202	868449	39.478	ng		94
76) Benzidine	20.41	184	213379	19.690	ng		98
77) Pyrene	20.61	202	870050	38.807	ng		97
79) Butylbenzylphthalate	21.48	149	442127	44.478	ng		91
80) Benzo(a)anthracene	22.60	228	820394	40.241	ng		99
81) 3,3'-Dichlorobenzidine	22.48	252	177793	23.547	ng	#	99
82) Chrysene	22.68	228	770688	39.574	ng		98
83) Bis(2-ethylhexyl)phthalate	22.43	149	630302	42.837	ng		97
84) Di-n-octyl phthalate	23.84	149	1079893	48.150	ng		100
85) Indeno(1,2,3-cd)pyrene	30.86	276	885806	39.002	ng	#	90
87) Benzo(b)fluoranthene	25.20	252	822300	40.658	ng	#	97
88) Benzo(k)fluoranthene	25.28	252	802506	39.925	ng	#	96
89) Benzo(a)pyrene	26.24	252	792744	41.210	ng	#	94
90) Dibenzo(a,h)anthracene	30.94	278	747176	38.588	ng	#	93
91) Benzo(g,h,i)perylene	32.26	276	749835	39.284	ng	#	90

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

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