Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
Data File : BG031846.D
Acq On : 29 Dec 2017 4:48
Operator : SJ/JU
Sample : IDOC-04 RJ
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-04 RJ

Manual Integrations APPROVED
Sohil
12/29/2017 1:26:03 PM

Quant Time: Dec 29 10:27:48 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	58044	20.00	ng		-0.04
21) Naphthalene-d8	11.69	136	240543	20.00	ng		-0.04
38) Acenaphthene-d10	15.44	164	164131	20.00	ng		-0.03
63) Phenanthrene-d10	18.17	188	391706	20.00	ng		-0.04
75) Chrysene-d12	22.52	240	452157	20.00	ng		-0.05
86) Perylene-d12	26.26	264	496619	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	408092	128.06	ng		-0.02
7) Phenol-d6	7.91	99	530639	128.25	ng		-0.02
23) Nitrobenzene-d5	10.00	82	286190	89.84	ng		-0.04
41) 2,4,6-Tribromophenol	16.91	330	331582	132.40	ng		-0.03
44) 2-Fluorobiphenyl	14.06	172	1023501	78.27	ng		-0.04
78) Terphenyl-d14	20.69	244	1684149	85.10	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.87	88	34523	29.224	ng	#	68
3) Pyridine	4.33	79	41336	13.091	ng	#	75
4) n-Nitrosodimethylamine	4.23	42	40822	32.037	ng	#	86
6) Aniline	8.09	93	74450	13.986	ng	#	90
8) 2-Chlorophenol	8.35	128	135000	36.520	ng	#	81
9) Benzaldehyde	7.90	77	39218	15.742	ng		85
10) Phenol	7.93	94	153392	36.721	ng		92
11) bis(2-Chloroethyl)ether	8.19	93	108154	31.176	ng	#	81
12) 1,3-Dichlorobenzene	8.69	146	148462	32.341	ng	#	91
13) 1,4-Dichlorobenzene	8.84	146	150369	32.066	ng		93
14) 1,2-Dichlorobenzene	9.17	146	144553	32.532	ng		95
15) Benzyl Alcohol	9.04	79	105395	33.933	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.33	45	110477	39.105	ng		77
17) 2-Methylphenol	9.24	107	108755	36.386	ng		95
18) Hexachloroethane	9.93	117	47432	33.397	ng	#	85
19) n-Nitroso-di-n-propylamine	9.62	70	83985	29.722	ng	#	86
20) 3+4-Methylphenols	9.57	107	148450	34.946	ng		98
22) Acetophenone	9.64	105	188407	33.713	ng	#	85
24) Nitrobenzene	10.04	77	120643	36.747	ng	#	86
25) Isophorone	10.57	82	237174	34.586	ng	#	86
26) 2-Nitrophenol	10.77	139	79281	46.057	ng	#	83
27) 2,4-Dimethylphenol	10.81	122	144586	39.916	ng		91
28) bis(2-Chloroethoxy)methane	11.05	93	151911	33.015	ng	#	95
29) 2,4-Dichlorophenol	11.31	162	165048	38.813	ng		90
30) 1,2,4-Trichlorobenzene	11.54	180	169813	32.706	ng		99
31) Naphthalene	11.74	128	404443	33.316	ng		98
32) Benzoic acid	10.92	122	14221	11.649	ng	#	59
33) 4-Chloroaniline	11.83	127	87789	16.243	ng	#	91
34) Hexachlorobutadiene	12.01	225	118093	33.130	ng		97
35) Caprolactam	12.57	113	44379	34.430	ng	#	45
36) 4-Chloro-3-methylphenol	12.90	107	141920	36.136	ng	#	79
37) 2-Methylnaphthalene	13.30	142	339560	34.504	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	232157	33.581	ng	#	96
40) Hexachlorocyclopentadiene	13.63	237	264807	72.608	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.87	196	149846	37.594	ng		96
43) 2,4,5-Trichlorophenol	13.95	196	161101	36.471	ng	#	88
45) 1,1'-Biphenyl	14.27	154	478326	34.121	ng		94
46) 2-Chloronaphthalene	14.33	162	358785	33.555	ng		96
47) 2-Nitroaniline	14.51	65	74216	40.188	ng	#	60
48) Acenaphthylene	15.17	152	546038	31.920	ng		99
49) Dimethylphthalate	14.87	163	536259	37.087	ng		98
50) 2,6-Dinitrotoluene	14.99	165	104311	39.215	ng	#	64
51) Acenaphthene	15.50	154	351681	31.391	ng		97
52) 3-Nitroaniline	15.32	138	69670	26.846	ng	#	71
53) 2,4-Dinitrophenol	15.52	184	25666	28.179	ng	#	10
54) Dibenzofuran	15.82	168	571373	33.270	ng		99
55) 4-Nitrophenol	15.59	139	143056	67.728	ng	#	71
56) 2,4-Dinitrotoluene	15.76	165	146501	42.832	ng	#	60
57) Fluorene	16.47	166	451014	32.328	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.04	232	161795	37.542	ng	#	85
59) Diethylphthalate	16.21	149	448082	31.795	ng		95
60) 4-Chlorophenyl-phenylether	16.45	204	274489	32.156	ng		93
61) 4-Nitroaniline	16.47	138	92849	36.664	ng		81
62) Azobenzene	16.74	77	292728	32.388	ng		83
64) 4,6-Dinitro-2-methylphenol	16.52	198	39904m	25.623	ng		
65) n-Nitrosodiphenylamine	16.66	169	420802	32.346	ng		99
66) 4-Bromophenyl-phenylether	17.34	248	196718	34.729	ng		94
67) Hexachlorobenzene	17.47	284	204373	35.295	ng	#	87
68) Atrazine	17.58	200	178508	35.288	ng		98
69) Pentachlorophenol	17.80	266	226297	56.819	ng		99
70) Phenanthrene	18.21	178	749535	33.812	ng		99
71) Anthracene	18.30	178	768039	34.347	ng		98
72) Carbazole	18.56	167	660577	33.376	ng		99
73) Di-n-butylphthalate	19.07	149	737449	33.528	ng		99
74) Fluoranthene	20.17	202	938938	34.520	ng		98
76) Benzidine	20.32	184	123928	8.880	ng		98
77) Pyrene	20.52	202	952102	32.965	ng		98
79) Butylbenzylphthalate	21.39	149	335064	34.558	ng	#	75
80) Benzo(a)anthracene	22.49	228	960620	33.399	ng		100
81) 3,3'-Dichlorobenzidine	22.38	252	243132	21.802	ng	#	95
82) Chrysene	22.57	228	906594	33.314	ng		98
83) Bis(2-ethylhexyl)phthalate	22.34	149	476843	33.946	ng	#	96
84) Di-n-octyl phthalate	23.74	149	821867	34.741	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.61	276	1227408	35.156	ng	#	89
87) Benzo(b)fluoranthene	25.06	252	1034657	33.563	ng	#	96
88) Benzo(k)fluoranthene	25.14	252	1024308	33.202	ng	#	97
89) Benzo(a)pyrene	26.09	252	1019713	34.539	ng	#	97
90) Dibenzo(a,h)anthracene	30.70	278	1028394	33.727	ng	#	95
91) Benzo(g,h,i)perylene	30.61	276	1227408	34.094	ng	#	93

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

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