Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
Data File : BG031845.D
Acq On : 29 Dec 2017 4:10
Operator : SJ/JU
Sample : IDOC-03 RJ
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-03 RJ

Manual Integrations APPROVED
Sohil
12/29/2017 1:26:01 PM

Quant Time: Dec 29 07:24:06 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	8.81	152	53506	20.00	ng		-0.03
21) Naphthalene-d8	11.69	136	224074	20.00	ng		-0.03
38) Acenaphthene-d10	15.43	164	149878	20.00	ng		-0.03
63) Phenanthrene-d10	18.17	188	359736	20.00	ng		-0.04
75) Chrysene-d12	22.51	240	411955	20.00	ng		-0.06
86) Perylene-d12	26.26	264	454819	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	335979	114.37	ng		-0.02
7) Phenol-d6	7.91	99	435601	114.21	ng		-0.02
23) Nitrobenzene-d5	10.00	82	236261	79.62	ng		-0.03
41) 2,4,6-Tribromophenol	16.91	330	264555	115.68	ng		-0.03
44) 2-Fluorobiphenyl	14.06	172	854936	71.60	ng		-0.03
78) Terphenyl-d14	20.70	244	1392166	77.21	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.87	88	29783	27.350	ng	#	74
3) Pyridine	4.33	79	48111	16.528	ng	#	71
4) n-Nitrosodimethylamine	4.23	42	35486	30.211	ng	#	80
6) Aniline	8.09	93	69125	14.087	ng		94
8) 2-Chlorophenol	8.35	128	120567	35.382	ng	#	81
9) Benzaldehyde	7.90	77	34272m	14.923	ng		
10) Phenol	7.94	94	138799	36.045	ng		92
11) bis(2-Chloroethyl)ether	8.18	93	95792	29.954	ng	#	81
12) 1,3-Dichlorobenzene	8.69	146	133330	31.508	ng	#	95
13) 1,4-Dichlorobenzene	8.84	146	134913	31.210	ng		94
14) 1,2-Dichlorobenzene	9.17	146	131942	32.213	ng		97
15) Benzyl Alcohol	9.03	79	93705	32.728	ng		88
16) 2,2'-oxybis(1-Chloropropan	9.33	45	99623	38.254	ng		80
17) 2-Methylphenol	9.23	107	96308	34.955	ng		95
18) Hexachloroethane	9.93	117	41567	31.749	ng	#	88
19) n-Nitroso-di-n-propylamine	9.62	70	73160	28.087	ng	#	84
20) 3+4-Methylphenols	9.57	107	134974	34.469	ng		93
22) Acetophenone	9.65	105	168277	32.324	ng	#	86
24) Nitrobenzene	10.05	77	107756	35.234	ng	#	81
25) Isophorone	10.57	82	215227	33.693	ng	#	84
26) 2-Nitrophenol	10.77	139	72495	45.210	ng	#	83
27) 2,4-Dimethylphenol	10.80	122	125048	37.059	ng		88
28) bis(2-Chloroethoxy)methane	11.05	93	136573	31.863	ng		93
29) 2,4-Dichlorophenol	11.31	162	144106	36.379	ng		92
30) 1,2,4-Trichlorobenzene	11.54	180	157804	32.627	ng		97
31) Naphthalene	11.74	128	364787	32.258	ng		98
32) Benzoic acid	10.93	122	14716m	12.198	ng		
33) 4-Chloroaniline	11.83	127	78119	15.516	ng	#	89
34) Hexachlorobutadiene	12.01	225	106390	32.041	ng		96
35) Caprolactam	12.57	113	39450	32.855	ng	#	47
36) 4-Chloro-3-methylphenol	12.90	107	128015	34.992	ng	#	81
37) 2-Methylnaphthalene	13.30	142	301983	32.941	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	211327	33.475	ng	#	96
40) Hexachlorocyclopentadiene	13.63	237	240928	72.343	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	130083	35.739	ng		98
43) 2,4,5-Trichlorophenol	13.95	196	139888	34.680	ng	#	91
45) 1,1'-Biphenyl	14.28	154	422717	33.022	ng		95
46) 2-Chloronaphthalene	14.33	162	322473	33.027	ng		95
47) 2-Nitroaniline	14.51	65	65175	38.649	ng	#	63
48) Acenaphthylene	15.16	152	486477	31.143	ng		99
49) Dimethylphthalate	14.86	163	462835	35.054	ng		99
50) 2,6-Dinitrotoluene	14.99	165	91334	37.602	ng	#	64
51) Acenaphthene	15.50	154	311933	30.491	ng		97
52) 3-Nitroaniline	15.32	138	62786	26.494	ng	#	78
53) 2,4-Dinitrophenol	15.52	184	14475	20.322	ng	#	1
54) Dibenzofuran	15.83	168	505825	32.255	ng		96
55) 4-Nitrophenol	15.59	139	124992	64.804	ng	#	71
56) 2,4-Dinitrotoluene	15.76	165	127036	40.673	ng	#	63
57) Fluorene	16.47	166	400398	31.429	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.04	232	139636	35.482	ng	#	84
59) Diethylphthalate	16.20	149	398584	30.972	ng		97
60) 4-Chlorophenyl-phenylether	16.45	204	242340	31.089	ng		91
61) 4-Nitroaniline	16.47	138	80954	35.006	ng		82
62) Azobenzene	16.74	77	261358	31.668	ng		84
64) 4,6-Dinitro-2-methylphenol	16.52	198	26054	20.617	ng	#	70
65) n-Nitrosodiphenylamine	16.66	169	374101	31.312	ng		98
66) 4-Bromophenyl-phenylether	17.34	248	174678	33.579	ng		94
67) Hexachlorobenzene	17.47	284	181508	34.132	ng	#	90
68) Atrazine	17.58	200	158777	34.177	ng		99
69) Pentachlorophenol	17.80	266	186101	50.879	ng		98
70) Phenanthrene	18.21	178	664744	32.652	ng		99
71) Anthracene	18.30	178	678277	33.028	ng		98
72) Carbazole	18.55	167	590448	32.484	ng		99
73) Di-n-butylphthalate	19.06	149	658558	32.602	ng		99
74) Fluoranthene	20.17	202	833645	33.373	ng		96
76) Benzidine	20.32	184	131926	10.375	ng		99
77) Pyrene	20.52	202	850710	32.329	ng		99
79) Butylbenzylphthalate	21.39	149	296471	33.562	ng	#	75
80) Benzo(a)anthracene	22.49	228	858806	32.773	ng		97
81) 3,3'-Dichlorobenzidine	22.38	252	217983	21.455	ng	#	98
82) Chrysene	22.57	228	805105	32.471	ng		98
83) Bis(2-ethylhexyl)phthalate	22.34	149	419861	32.807	ng	#	96
84) Di-n-octyl phthalate	23.74	149	733247	34.019	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.62	276	1086006	34.142	ng	#	85
87) Benzo(b)fluoranthene	25.06	252	926560	32.819	ng	#	97
88) Benzo(k)fluoranthene	25.14	252	894704	31.666	ng	#	98
89) Benzo(a)pyrene	26.09	252	895147	33.106	ng	#	98
90) Dibenzo(a,h)anthracene	30.70	278	901433	32.280	ng	#	95
91) Benzo(g,h,i)perylene	30.62	276	1086006	32.939	ng	#	92

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

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