Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
Data File : BG028776.D
Acq On : 15 Sep 2017 20:40
Operator : SJ/JU
Sample : IDOC-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 16 05:56:58 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
IDOC-01

Manual Integrations APPROVED

Sohil

9/18/2017 3:31:45 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	29296	20.00	ng		-0.04
21) Naphthalene-d8	11.11	136	123829	20.00	ng		-0.04
38) Acenaphthene-d10	14.91	164	91183	20.00	ng		-0.04
63) Phenanthrene-d10	17.66	188	233765	20.00	ng		-0.03
75) Chrysene-d12	21.98	240	260501	20.00	ng		-0.05
86) Perylene-d12	25.46	264	266815	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	223520	125.89	ng		-0.04
7) Phenol-d6	7.45	99	317705	118.85	ng		-0.04
23) Nitrobenzene-d5	9.46	82	199038	76.89	ng		-0.04
41) 2,4,6-Tribromophenol	16.40	330	192069	127.36	ng		-0.04
44) 2-Fluorobiphenyl	13.53	172	552244	80.76	ng		-0.04
78) Terphenyl-d14	20.25	244	912118	74.67	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.79	88	21637	30.094	ng	#	94
3) Pyridine	4.19	79	13165	6.419	ng		92
4) n-Nitrosodimethylamine	4.09	42	31004	33.232	ng	#	76
6) Aniline	7.61	93	29162	9.374	ng		89
8) 2-Chlorophenol	7.86	128	71138	35.942	ng		96
9) Benzaldehyde	7.44	77	19645	11.845	ng		95
10) Phenol	7.47	94	109010	38.640	ng		90
11) bis(2-Chloroethyl)ether	7.70	93	65565	32.371	ng		96
12) 1,3-Dichlorobenzene	8.18	146	72363	33.953	ng		96
13) 1,4-Dichlorobenzene	8.33	146	74299	33.903	ng		98
14) 1,2-Dichlorobenzene	8.65	146	74170	34.257	ng		97
15) Benzyl Alcohol	8.53	79	73985	35.454	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	8.80	45	120016	32.603	ng		95
17) 2-Methylphenol	8.73	107	68148	36.966	ng	#	91
18) Hexachloroethane	9.37	117	26960	33.565	ng		88
19) n-Nitroso-di-n-propylamine	9.09	70	60268	31.804	ng	#	91
20) 3+4-Methylphenols	9.06	107	93638	36.314	ng		94
22) Acetophenone	9.12	105	116490	32.174	ng	#	89
24) Nitrobenzene	9.50	77	94369	32.923	ng		93
25) Isophorone	10.02	82	175845	33.573	ng		97
26) 2-Nitrophenol	10.21	139	40941	33.560	ng	#	85
27) 2,4-Dimethylphenol	10.27	122	66787	29.951	ng		96
28) bis(2-Chloroethoxy)methane	10.50	93	98477	34.622	ng		99
29) 2,4-Dichlorophenol	10.76	162	82252	37.073	ng		93
30) 1,2,4-Trichlorobenzene	10.97	180	90009	35.562	ng		93
31) Naphthalene	11.16	128	225583	34.880	ng		100
32) Benzoic acid	10.37	122	2922	7.697	ng	#	51
33) 4-Chloroaniline	11.27	127	25054	9.247	ng	#	86
34) Hexachlorobutadiene	11.43	225	62801	33.687	ng		98
35) Caprolactam	12.04	113	17587m	22.105	ng		
36) 4-Chloro-3-methylphenol	12.38	107	99682	34.523	ng		94
37) 2-Methylnaphthalene	12.75	142	180717	37.426	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	118316	31.558	ng		96
40) Hexachlorocyclopentadiene	13.09	237	100295	69.920	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	82555m	34.694	ng		
43) 2,4,5-Trichlorophenol	13.43	196	88035	36.819	ng		92
45) 1,1'-Biphenyl	13.74	154	242354	32.102	ng		98
46) 2-Chloronaphthalene	13.79	162	194353	35.295	ng		99
47) 2-Nitroaniline	13.99	65	71746	35.058	ng		90
48) Acenaphthylene	14.63	152	312938	35.572	ng		99
49) Dimethylphthalate	14.35	163	293207	38.347	ng		100
50) 2,6-Dinitrotoluene	14.48	165	62575	36.779	ng		90
51) Acenaphthene	14.97	154	190229	35.596	ng		98
52) 3-Nitroaniline	14.82	138	30138	20.031	ng		91
53) 2,4-Dinitrophenol	15.03	184	36721	44.865	ng		97
54) Dibenzofuran	15.30	168	329483	38.661	ng		92
55) 4-Nitrophenol	15.13	139	71579	64.935	ng	#	77
56) 2,4-Dinitrotoluene	15.27	165	86589	36.195	ng	#	88
57) Fluorene	15.96	166	272717	35.844	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.53	232	81346	38.601	ng		93
59) Diethylphthalate	15.70	149	277669	35.338	ng		100
60) 4-Chlorophenyl-phenylether	15.94	204	157143	36.271	ng		89
61) 4-Nitroaniline	15.98	138	53642	33.654	ng	#	82
62) Azobenzene	16.23	77	272957	41.304	ng		91
64) 4,6-Dinitro-2-methylphenol	16.04	198	46345	30.725	ng		96
65) n-Nitrosodiphenylamine	16.16	169	235916	35.205	ng		99
66) 4-Bromophenyl-phenylether	16.84	248	108104	35.940	ng		95
67) Hexachlorobenzene	16.97	284	115888	33.851	ng	#	88
68) Atrazine	17.10	200	97046	33.728	ng		97
69) Pentachlorophenol	17.31	266	101506	65.624	ng		94
70) Phenanthrene	17.71	178	444653	37.196	ng		94
71) Anthracene	17.79	178	437227	36.207	ng		96
72) Carbazole	18.06	167	384357	35.340	ng	#	93
73) Di-n-butylphthalate	18.59	149	469436	35.202	ng	#	92
74) Fluoranthene	19.70	202	542864	37.192	ng		93
77) Pyrene	20.07	202	557501	37.103	ng		97
79) Butylbenzylphthalate	20.93	149	210191	34.637	ng		91
80) Benzo(a)anthracene	21.97	228	576840	36.787	ng		95
81) 3,3'-Dichlorobenzidine	21.87	252	110157	17.327	ng	#	95
82) Chrysene	22.04	228	544993	36.631	ng		96
83) Bis(2-ethylhexyl)phthalate	21.82	149	301092	34.900	ng		99
84) Di-n-octyl phthalate	23.11	149	519633	34.474	ng	#	87
85) Indeno(1,2,3-cd)pyrene	29.45	276	680860	35.617	ng	#	95
87) Benzo(b)fluoranthene	24.35	252	590244	36.924	ng	#	97
88) Benzo(k)fluoranthene	24.42	252	588836	36.877	ng	#	90
89) Benzo(a)pyrene	25.29	252	561635	37.015	ng		96
90) Dibenzo(a,h)anthracene	29.50	278	565722	35.762	ng	#	96
91) Benzo(g,h,i)perylene	30.70	276	565995	36.669	ng		99

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

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