Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072318\
Data File : BG035833.D
Acq On : 23 Jul 2018 18:34
Operator : JU/SJ
Sample : IDOC HP-1
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 24 02:01:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
IDOC HP-1

Manual Integrations APPROVED

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7/24/2018 3:05:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	30727	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	121477	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	89670	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	257927	20.00	ng		0.00
75) Chrysene-d12	21.66	240	307151	20.00	ng		0.00
86) Perylene-d12	24.86	264	294498	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	183465	99.13	ng		0.00
7) Phenol-d6	7.19	99	273419	99.02	ng		0.00
23) Nitrobenzene-d5	9.19	82	176443	60.68	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	129318	109.41	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	427854	63.92	ng		0.00
78) Terphenyl-d14	20.00	244	881283	63.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	21339	22.653	ng	#	74
3) Pyridine	4.09	79	135	0.055	ng	#	18
4) n-Nitrosodimethylamine	3.83	42	26350	24.955	ng	#	77
6) Aniline	7.35	93	7027	1.963	ng	#	90
8) 2-Chlorophenol	7.59	128	61744	32.802	ng		93
9) Benzaldehyde	7.17	77	49260	29.074	ng		92
10) Phenol	7.22	94	93420	33.487	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	61931	28.347	ng	#	83
12) 1,3-Dichlorobenzene	7.92	146	71215	31.330	ng		95
13) 1,4-Dichlorobenzene	8.06	146	72039	31.192	ng		94
14) 1,2-Dichlorobenzene	8.38	146	66205	29.839	ng		96
15) Benzyl Alcohol	8.26	79	69500	27.716	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.56	45	72588	39.630	ng		79
17) 2-Methylphenol	8.47	107	58974	31.092	ng	#	91
18) Hexachloroethane	9.10	117	27729	31.401	ng		92
19) n-Nitroso-di-n-propylamine	8.83	70	57244	24.618	ng	#	87
20) 3+4-Methylphenols	8.80	107	84494	32.111	ng		94
22) Acetophenone	8.85	105	108108	28.618	ng	#	92
24) Nitrobenzene	9.23	77	86751	29.664	ng		93
25) Isophorone	9.75	82	163474	30.284	ng		98
26) 2-Nitrophenol	9.94	139	35520	34.199	ng		93
27) 2,4-Dimethylphenol	10.00	122	61828	35.167	ng		89
28) bis(2-Chloroethoxy)methane	10.23	93	85071	28.600	ng		92
29) 2,4-Dichlorophenol	10.48	162	70423	35.090	ng		91
30) 1,2,4-Trichlorobenzene	10.69	180	79928	32.479	ng		98
31) Naphthalene	10.88	128	197873	31.270	ng		99
33) 4-Chloroaniline	11.01	127	18812	6.821	ng	#	94
34) Hexachlorobutadiene	11.16	225	60125	31.332	ng		98
35) Caprolactam	11.76	113	9168m	10.645	ng		
36) 4-Chloro-3-methylphenol	12.11	107	88749	32.991	ng		100
37) 2-Methylnaphthalene	12.48	142	156345	33.164	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	105868	31.281	ng		99
40) Hexachlorocyclopentadiene	12.83	237	118199	66.593	ng		95
42) 2,4,6-Trichlorophenol	13.09	196	65413	33.050	ng		95

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Sample : IDOC HP-1
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 24 02:01:54 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
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Instrument :
BNA_G
ClientSampleId :
IDOC HP-1

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7/24/2018 3:05:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.16	196	74637	33.709	ng		99
45) 1,1'-Biphenyl	13.48	154	214812	30.899	ng		99
46) 2-Chloronaphthalene	13.53	162	170993	31.621	ng		98
47) 2-Nitroaniline	13.73	65	60216	31.498	ng		99
48) Acenaphthylene	14.37	152	280676	30.985	ng		99
49) Dimethylphthalate	14.10	163	284149	36.168	ng	#	99
50) 2,6-Dinitrotoluene	14.22	165	54466	34.044	ng		92
51) Acenaphthene	14.71	154	168107	29.792	ng		99
52) 3-Nitroaniline	14.56	138	40911	25.019	ng	#	89
53) 2,4-Dinitrophenol	14.76	184	36984	47.837	ng	#	59
54) Dibenzofuran	15.05	168	285807	31.848	ng		95
55) 4-Nitrophenol	14.87	139	80399	69.041	ng	#	88
56) 2,4-Dinitrotoluene	15.01	165	84394	36.770	ng	#	78
57) Fluorene	15.69	166	238316	31.684	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.28	232	75970	35.785	ng		92
59) Diethylphthalate	15.46	149	245731	30.418	ng		99
60) 4-Chlorophenyl-phenylether	15.69	204	135859	30.732	ng		98
61) 4-Nitroaniline	15.72	138	56763	33.186	ng	#	80
62) Azobenzene	15.98	77	247931	31.114	ng		94
64) 4,6-Dinitro-2-methylphenol	15.77	198	40359	28.109	ng		88
65) n-Nitrosodiphenylamine	15.90	169	219860	29.947	ng		96
66) 4-Bromophenyl-phenylether	16.58	248	93276	31.171	ng		96
67) Hexachlorobenzene	16.71	284	96917	31.450	ng	#	91
68) Atrazine	16.85	200	96241	31.839	ng		96
69) Pentachlorophenol	17.05	266	83212	44.333	ng		99
70) Phenanthrene	17.44	178	413025	32.092	ng		98
71) Anthracene	17.53	178	410393	32.024	ng		98
72) Carbazole	17.80	167	392708	32.268	ng		99
73) Di-n-butylphthalate	18.35	149	453614	31.541	ng	#	97
74) Fluoranthene	19.44	202	563267	32.491	ng		96
76) Benzidine	19.65	184	5629	0.697	ng		95
77) Pyrene	19.80	202	568647	29.279	ng		99
79) Butylbenzylphthalate	20.69	149	217069	31.254	ng	#	94
80) Benzo(a)anthracene	21.64	228	582407	30.427	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	130841	19.605	ng	#	98
82) Chrysene	21.70	228	559766	31.559	ng		97
83) Bis(2-ethylhexyl)phthalate	21.54	149	304859	32.287	ng		98
84) Di-n-octyl phthalate	22.74	149	520170	32.903	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.49	276	617473	31.443	ng	#	84
87) Benzo(b)fluoranthene	23.84	252	566272	31.636	ng	#	97
88) Benzo(k)fluoranthene	23.91	252	543923	31.083	ng	#	98
89) Benzo(a)pyrene	24.70	252	544766	32.714	ng	#	94
90) Dibenzo(a,h)anthracene	28.55	278	505502	30.921	ng	#	96
91) Benzo(g,h,i)perylene	29.63	276	517210	32.331	ng	#	95

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

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