Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062018\

Quantitation Report (QT Reviewed)

Data File : BG035270.D
Acq On : 20 Jun 2018 17:37
Operator : SJ/JU
Sample : J3249-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-061818-AMSD

Manual Integrations APPROVED
Sohil
6/21/2018 12:38:22 PM

Quant Time: Jun 20 18:34:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58410	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	208526	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	149076	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	388454	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	411093	20.00	ng		-0.02
86) Perylene-d12	24.92	264	404726	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	474021	136.96	ng		0.00
7) Phenol-d6	7.22	99	624248	122.20	ng		0.00
23) Nitrobenzene-d5	9.22	82	486718	110.95	ng		-0.02
41) 2,4,6-Tribromophenol	16.17	330	347287	181.98	ng		-0.01
44) 2-Fluorobiphenyl	13.30	172	1081407	94.30	ng		-0.02
78) Terphenyl-d14	20.03	244	1886338	96.12	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	62587	37.900	ng	#	72
3) Pyridine	3.96	79	162384	36.444	ng	#	72
4) n-Nitrosodimethylamine	3.86	42	71103	37.145	ng	#	73
6) Aniline	7.39	93	194965	29.526	ng		92
8) 2-Chlorophenol	7.62	128	163354	45.026	ng		95
9) Benzaldehyde	7.19	77	85777	21.799	ng		93
10) Phenol	7.25	94	211671	40.039	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	177894	43.354	ng		87
12) 1,3-Dichlorobenzene	7.95	146	194225	44.869	ng		96
13) 1,4-Dichlorobenzene	8.09	146	201956	45.195	ng		98
14) 1,2-Dichlorobenzene	8.42	146	190488	45.383	ng		99
15) Benzyl Alcohol	8.29	79	199242	41.162	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.59	45	190963	46.759	ng		77
17) 2-Methylphenol	8.50	107	159222	45.682	ng	#	93
18) Hexachloroethane	9.14	117	72055	45.041	ng	#	84
19) n-Nitroso-di-n-propylamine	8.86	70	163872	37.759	ng	#	82
20) 3+4-Methylphenols	8.82	107	221831	44.403	ng		94
22) Acetophenone	8.88	105	294542	45.598	ng	#	91
24) Nitrobenzene	9.26	77	234490	52.200	ng		97
25) Isophorone	9.79	82	464543	50.156	ng		97
26) 2-Nitrophenol	9.97	139	98710	63.749	ng	#	87
27) 2,4-Dimethylphenol	10.03	122	174428	53.593	ng		89
28) bis(2-Chloroethoxy)methane	10.27	93	242650	48.752	ng		99
29) 2,4-Dichlorophenol	10.51	162	195888	55.314	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	216454	50.972	ng		95
31) Naphthalene	10.91	128	534276	49.321	ng		98
32) Benzoic acid	10.17	122	108896	49.952	ng		96
33) 4-Chloroaniline	11.02	127	29838	6.344	ng		96
34) Hexachlorobutadiene	11.19	225	162783	49.290	ng		93
35) Caprolactam	11.79	113	46123m	35.241	ng		
36) 4-Chloro-3-methylphenol	12.13	107	239774	54.315	ng		94
37) 2-Methylnaphthalene	12.52	142	413354	50.330	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	280466	50.509	ng		98
40) Hexachlorocyclopentadiene	12.86	237	366139	105.149	ng		92

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Quant Time: Jun 20 18:34:25 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	190019	57.150	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	209813	57.493	ng		96
45) 1,1'-Biphenyl	13.52	154	567651	47.355	ng		97
46) 2-Chloronaphthalene	13.56	162	442986	48.878	ng		97
47) 2-Nitroaniline	13.76	65	149581	55.892	ng		91
48) Acenaphthylene	14.41	152	739748	48.678	ng		98
49) Dimethylphthalate	14.13	163	629516	48.425	ng		99
50) 2,6-Dinitrotoluene	14.25	165	145110	61.186	ng	#	90
51) Acenaphthene	14.74	154	450549	45.376	ng		98
52) 3-Nitroaniline	14.58	138	64203	27.588	ng	#	95
53) 2,4-Dinitrophenol	14.79	184	176591	183.986	ng	#	60
54) Dibenzofuran	15.08	168	722693	48.598	ng		93
55) 4-Nitrophenol	14.89	139	188842	96.149	ng	#	85
56) 2,4-Dinitrotoluene	15.04	165	200619	63.680	ng		91
57) Fluorene	15.73	166	598563	48.162	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	209932	59.216	ng		93
59) Diethylphthalate	15.50	149	615278	46.390	ng		99
60) 4-Chlorophenyl-phenylether	15.72	204	353603	49.896	ng		97
61) 4-Nitroaniline	15.75	138	134468	53.879	ng	#	84
62) Azobenzene	16.01	77	601430	46.274	ng		94
64) 4,6-Dinitro-2-methylphenol	15.80	198	120189	67.767	ng		87
65) n-Nitrosodiphenylamine	15.94	169	543363	46.578	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	243250	51.999	ng		95
67) Hexachlorobenzene	16.73	284	244050	51.257	ng		97
68) Atrazine	16.88	200	231318	46.498	ng		94
69) Pentachlorophenol	17.07	266	299426	93.522	ng		97
70) Phenanthrene	17.47	178	970614	49.188	ng		98
71) Anthracene	17.56	178	976560	49.406	ng		98
72) Carbazole	17.83	167	896994	48.910	ng		98
73) Di-n-butylphthalate	18.38	149	1003502	45.908	ng	#	98
74) Fluoranthene	19.47	202	1247231	48.573	ng		96
76) Benzidine	19.65	184	499472	32.658	ng		98
77) Pyrene	19.84	202	1247374	46.027	ng		98
79) Butylbenzylphthalate	20.72	149	465580	47.311	ng		95
80) Benzo(a)anthracene	21.67	228	1267579	48.252	ng		98
81) 3,3'-Dichlorobenzidine	21.59	252	247418	25.034	ng	#	99
82) Chrysene	21.74	228	1186128	49.314	ng		97
83) Bis(2-ethylhexyl)phthalate	21.58	149	629777	45.291	ng		99
84) Di-n-octyl phthalate	22.79	149	1075054	45.065	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.59	276	1426457	50.638	ng	#	88
87) Benzo(b)fluoranthene	23.90	252	1257730	50.463	ng	#	95
88) Benzo(k)fluoranthene	23.97	252	1177740	48.306	ng	#	96
89) Benzo(a)pyrene	24.77	252	1195235	50.963	ng	#	96
90) Dibenzo(a,h)anthracene	28.67	278	1152656	49.787	ng	#	95
91) Benzo(g,h,i)perylene	29.76	276	1193528	52.677	ng	#	92

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

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