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

Quantitation Report (LSC Reviewed)

Data File : BG035264.D
Acq On : 20 Jun 2018 13:00
Operator : SJ/JU
Sample : PB110338BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110338BS

Manual Integrations APPROVED
Sohil
6/21/2018 12:38:17 PM

Quant Time: Jun 20 14:26:42 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	48438	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	173178	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	130291	20.00	ng		-0.01
63) Phenanthrene-d10	17.43	188	359608	20.00	ng		-0.01
75) Chrysene-d12	21.70	240	386886	20.00	ng		-0.02
86) Perylene-d12	24.92	264	384940	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	582348	202.89	ng		-0.01
7) Phenol-d6	7.22	99	844350	199.31	ng		0.00
23) Nitrobenzene-d5	9.22	82	529138	145.24	ng		-0.02
41) 2,4,6-Tribromophenol	16.17	330	418798	251.09	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	1245659	124.29	ng		-0.02
78) Terphenyl-d14	20.03	244	2243335	121.46	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	63564	46.416	ng	#	71
3) Pyridine	3.93	79	187933	50.862	ng	#	68
4) n-Nitrosodimethylamine	3.85	42	70929	44.683	ng	#	70
6) Aniline	7.39	93	217249	39.674	ng		99
8) 2-Chlorophenol	7.62	128	169502	56.339	ng		96
9) Benzaldehyde	7.19	77	97246	29.802	ng		96
10) Phenol	7.25	94	257612	58.761	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	170253	50.034	ng		89
12) 1,3-Dichlorobenzene	7.95	146	190321	53.019	ng		98
13) 1,4-Dichlorobenzene	8.09	146	191411	51.654	ng		98
14) 1,2-Dichlorobenzene	8.41	146	185985	53.433	ng		98
15) Benzyl Alcohol	8.29	79	203261	50.637	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.59	45	182392	53.855	ng		74
17) 2-Methylphenol	8.49	107	175303	60.651	ng		95
18) Hexachloroethane	9.14	117	70200	52.916	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	156994	43.621	ng	#	84
20) 3+4-Methylphenols	8.82	107	243119	58.682	ng		94
22) Acetophenone	8.88	105	287867	53.661	ng	#	90
24) Nitrobenzene	9.26	77	233976	62.717	ng		93
25) Isophorone	9.79	82	457919	59.532	ng		99
26) 2-Nitrophenol	9.97	139	99465	77.348	ng	#	88
27) 2,4-Dimethylphenol	10.03	122	184099	68.110	ng		90
28) bis(2-Chloroethoxy)methane	10.27	93	240603	58.208	ng		97
29) 2,4-Dichlorophenol	10.51	162	206944	70.363	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	212322	60.205	ng		96
31) Naphthalene	10.91	128	526935	58.572	ng		99
32) Benzoic acid	10.18	122	133264	73.607	ng		95
33) 4-Chloroaniline	11.01	127	67174	17.196	ng	#	94
34) Hexachlorobutadiene	11.20	225	159681	58.220	ng		97
35) Caprolactam	11.80	113	74778m	68.796	ng		
36) 4-Chloro-3-methylphenol	12.14	107	254440	69.401	ng		98
37) 2-Methylnaphthalene	12.51	142	421032	61.728	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	284074	58.535	ng		99
40) Hexachlorocyclopentadiene	12.86	237	409253	134.476	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	203861	70.153	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	225948	70.841	ng		96
45) 1,1'-Biphenyl	13.52	154	575532	54.934	ng		96
46) 2-Chloronaphthalene	13.56	162	457896	57.808	ng		99
47) 2-Nitroaniline	13.76	65	156672	66.982	ng		89
48) Acenaphthylene	14.41	152	779486	58.688	ng		99
49) Dimethylphthalate	14.14	163	662257	58.288	ng		99
50) 2,6-Dinitrotoluene	14.26	165	149122	71.943	ng	#	86
51) Acenaphthene	14.74	154	467494	53.871	ng		98
52) 3-Nitroaniline	14.58	138	76979	37.847	ng	#	96
53) 2,4-Dinitrophenol	14.79	184	191651	228.465	ng	#	65
54) Dibenzofuran	15.08	168	762959	58.702	ng		94
55) 4-Nitrophenol	14.89	139	239411	139.471	ng	#	84
56) 2,4-Dinitrotoluene	15.04	165	217905	79.139	ng	#	87
57) Fluorene	15.73	166	654818	60.285	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.30	232	231923	74.851	ng	#	93
59) Diethylphthalate	15.50	149	666762	57.520	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	368149	59.438	ng		96
61) 4-Nitroaniline	15.75	138	151044	69.246	ng		85
62) Azobenzene	16.01	77	646030	56.872	ng		94
64) 4,6-Dinitro-2-methylphenol	15.80	198	131898	80.334	ng		89
65) n-Nitrosodiphenylamine	15.94	169	582422	53.931	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	258543	59.702	ng		97
67) Hexachlorobenzene	16.73	284	269028	61.035	ng		95
68) Atrazine	16.88	200	243522	52.878	ng		97
69) Pentachlorophenol	17.08	266	343903	116.030	ng		98
70) Phenanthrene	17.47	178	1060334	58.045	ng		98
71) Anthracene	17.56	178	1073673	58.677	ng		98
72) Carbazole	17.83	167	980781	57.769	ng		97
73) Di-n-butylphthalate	18.38	149	1099119	54.316	ng	#	98
74) Fluoranthene	19.47	202	1384572	58.247	ng		96
76) Benzidine	19.65	184	587076	40.787	ng		98
77) Pyrene	19.84	202	1379298	54.079	ng		96
79) Butylbenzylphthalate	20.72	149	521820	56.344	ng		97
80) Benzo(a)anthracene	21.68	228	1428629	57.785	ng		98
81) 3,3'-Dichlorobenzidine	21.59	252	347883	37.401	ng	#	97
82) Chrysene	21.74	228	1318581	58.251	ng		96
83) Bis(2-ethylhexyl)phthalate	21.58	149	704804	53.858	ng	#	98
84) Di-n-octyl phthalate	22.80	149	1228571	54.722	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.60	276	1615568	60.939	ng	#	85
87) Benzo(b)fluoranthene	23.90	252	1398432	58.992	ng	#	97
88) Benzo(k)fluoranthene	23.97	252	1323529	57.075	ng	#	96
89) Benzo(a)pyrene	24.77	252	1347324	60.401	ng	#	97
90) Dibenzo(a,h)anthracene	28.67	278	1305245	59.275	ng	#	97
91) Benzo(g,h,i)perylene	29.76	276	1349153	62.606	ng	#	93

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

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