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

Quantitation Report (QT Reviewed)

Data File : BG035279.D
Acq On : 21 Jun 2018 00:46
Operator : SJ/JU
Sample : PB110428BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110428BS

Manual Integrations APPROVED
Sohil
6/21/2018 12:38:27 PM

Quant Time: Jun 21 05:56:32 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	57934	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	216890	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	153992	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	404626	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	435750	20.00	ng		-0.02
86) Perylene-d12	24.91	264	430298	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	503734	146.74	ng		-0.01
7) Phenol-d6	7.22	99	723426	142.78	ng		0.00
23) Nitrobenzene-d5	9.22	82	451407	98.93	ng		-0.02
41) 2,4,6-Tribromophenol	16.17	330	321492	163.09	ng		-0.01
44) 2-Fluorobiphenyl	13.30	172	1049606	88.61	ng		-0.02
78) Terphenyl-d14	20.03	244	1794906	86.28	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	61489	37.541	ng	#	71
3) Pyridine	3.94	79	172139	38.951	ng	#	69
4) n-Nitrosodimethylamine	3.86	42	69077	36.383	ng	#	70
6) Aniline	7.38	93	139441	21.291	ng		92
8) 2-Chlorophenol	7.62	128	159297	44.269	ng		95
9) Benzaldehyde	7.19	77	91441	23.430	ng		95
10) Phenol	7.25	94	236074	45.022	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	161188	39.606	ng		89
12) 1,3-Dichlorobenzene	7.95	146	186963	43.546	ng		96
13) 1,4-Dichlorobenzene	8.09	146	186057	41.979	ng		98
14) 1,2-Dichlorobenzene	8.41	146	177164	42.556	ng		99
15) Benzyl Alcohol	8.29	79	184831	38.498	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.59	45	171453	42.327	ng		77
17) 2-Methylphenol	8.49	107	159894	46.252	ng	#	94
18) Hexachloroethane	9.14	117	66777	42.085	ng		87
19) n-Nitroso-di-n-propylamine	8.86	70	147091	34.171	ng	#	82
20) 3+4-Methylphenols	8.82	107	220690	44.537	ng		94
22) Acetophenone	8.88	105	265273	39.483	ng	#	89
24) Nitrobenzene	9.26	77	210530	45.059	ng	#	93
25) Isophorone	9.78	82	414191	42.995	ng		99
26) 2-Nitrophenol	9.97	139	93233	57.890	ng	#	92
27) 2,4-Dimethylphenol	10.03	122	168057	49.644	ng		92
28) bis(2-Chloroethoxy)methane	10.26	93	222495	42.979	ng		96
29) 2,4-Dichlorophenol	10.51	162	188627	51.209	ng		90
30) 1,2,4-Trichlorobenzene	10.73	180	199779	45.231	ng		98
31) Naphthalene	10.91	128	479428	42.551	ng		98
32) Benzoic acid	10.17	122	116414	51.341	ng		92
33) 4-Chloroaniline	11.01	127	47484	9.706	ng		94
34) Hexachlorobutadiene	11.20	225	150226	43.734	ng		96
35) Caprolactam	11.80	113	64088m	47.078	ng		
36) 4-Chloro-3-methylphenol	12.14	107	222610	48.482	ng		98
37) 2-Methylnaphthalene	12.51	142	389969	45.651	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	257935	44.969	ng		97
40) Hexachlorocyclopentadiene	12.86	237	373679	103.888	ng		91

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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	174649	50.851	ng		96
43) 2,4,5-Trichlorophenol	13.19	196	194345	51.555	ng		98
45) 1,1'-Biphenyl	13.52	154	521013	42.076	ng		97
46) 2-Chloronaphthalene	13.56	162	409349	43.725	ng		98
47) 2-Nitroaniline	13.76	65	137768	49.835	ng		92
48) Acenaphthylene	14.40	152	684612	43.611	ng		98
49) Dimethylphthalate	14.13	163	564754	42.056	ng	#	98
50) 2,6-Dinitrotoluene	14.25	165	129288	52.774	ng	#	90
51) Acenaphthene	14.74	154	405465	39.532	ng		98
52) 3-Nitroaniline	14.58	138	48719	20.267	ng	#	84
53) 2,4-Dinitrophenol	14.78	184	162361	163.760	ng	#	61
54) Dibenzofuran	15.08	168	672112	43.754	ng		97
55) 4-Nitrophenol	14.88	139	199870	98.515	ng		87
56) 2,4-Dinitrotoluene	15.04	165	181572	55.794	ng	#	87
57) Fluorene	15.72	166	547813	42.671	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	196657	53.701	ng		92
59) Diethylphthalate	15.50	149	557055	40.659	ng		96
60) 4-Chlorophenyl-phenylether	15.72	204	319282	43.614	ng		96
61) 4-Nitroaniline	15.75	138	122778	47.624	ng		85
62) Azobenzene	16.01	77	549894	40.958	ng		93
64) 4,6-Dinitro-2-methylphenol	15.80	198	111222	60.204	ng		84
65) n-Nitrosodiphenylamine	15.93	169	491784	40.472	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	217526	44.642	ng		99
67) Hexachlorobenzene	16.73	284	226004	45.569	ng		94
68) Atrazine	16.88	200	217513	41.975	ng		97
69) Pentachlorophenol	17.07	266	274178	82.213	ng		95
70) Phenanthrene	17.46	178	889243	43.263	ng		98
71) Anthracene	17.56	178	896503	43.543	ng		98
72) Carbazole	17.82	167	809143	42.357	ng		98
73) Di-n-butylphthalate	18.38	149	917976	40.317	ng	#	98
74) Fluoranthene	19.47	202	1163705	43.509	ng		97
76) Benzidine	19.65	184	556492	34.327	ng		96
77) Pyrene	19.83	202	1154935	40.204	ng		96
79) Butylbenzylphthalate	20.71	149	423777	40.626	ng		97
80) Benzo(a)anthracene	21.68	228	1158166	41.592	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	238295	22.746	ng		97
82) Chrysene	21.74	228	1087273	42.647	ng		96
83) Bis(2-ethylhexyl)phthalate	21.58	149	569399	38.632	ng	#	99
84) Di-n-octyl phthalate	22.79	149	986481	39.012	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.59	276	1300409	43.551	ng	#	89
87) Benzo(b)fluoranthene	23.89	252	1154175	43.556	ng	#	95
88) Benzo(k)fluoranthene	23.96	252	1085859	41.890	ng	#	96
89) Benzo(a)pyrene	24.77	252	1102375	44.211	ng	#	97
90) Dibenzo(a,h)anthracene	28.65	278	1058359	42.997	ng	#	95
91) Benzo(g,h,i)perylene	29.74	276	1084523	45.021	ng	#	92

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

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