Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
Data File : BG034968.D
Acq On : 8 Jun 2018 1:13
Operator : SJ/JU
Sample : PB110034BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110034BS

Manual Integrations APPROVED
Sohil
6/8/2018 4:45:00 PM

Quant Time: Jun 08 05:08:29 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 07 13:13:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	49358	20.00	ng		-0.01
21) Naphthalene-d8	10.89	136	194684	20.00	ng		0.00
38) Acenaphthene-d10	14.70	164	141374	20.00	ng		0.00
63) Phenanthrene-d10	17.45	188	357165	20.00	ng		0.00
75) Chrysene-d12	21.72	240	350700	20.00	ng		0.00
86) Perylene-d12	24.96	264	355036	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	437133	149.46	ng		0.00
7) Phenol-d6	7.24	99	665256	154.11	ng		0.00
23) Nitrobenzene-d5	9.24	82	410963	100.34	ng		-0.01
41) 2,4,6-Tribromophenol	16.19	330	280872	155.20	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	953123	87.64	ng		0.00
78) Terphenyl-d14	20.06	244	1601315	95.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	43625	31.262	ng	#	73
3) Pyridine	3.95	79	131579	34.947	ng	#	75
4) n-Nitrosodimethylamine	3.87	42	60622	37.478	ng	#	87
6) Aniline	7.41	93	118827	21.296	ng		98
8) 2-Chlorophenol	7.65	128	136721	44.597	ng		96
9) Benzaldehyde	7.21	77	74534	22.416	ng		95
10) Phenol	7.26	94	218645	48.943	ng		96
11) bis(2-Chloroethyl)ether	7.50	93	138716	40.006	ng		93
12) 1,3-Dichlorobenzene	7.97	146	146544	40.063	ng	#	94
13) 1,4-Dichlorobenzene	8.12	146	147099	38.956	ng		95
14) 1,2-Dichlorobenzene	8.43	146	140805	39.699	ng		93
15) Benzyl Alcohol	8.31	79	178928	43.744	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.61	45	166246	48.172	ng		81
17) 2-Methylphenol	8.51	107	143577	48.748	ng	#	84
18) Hexachloroethane	9.17	117	55995	41.421	ng		93
19) n-Nitroso-di-n-propylamine	8.89	70	139825	38.126	ng	#	88
20) 3+4-Methylphenols	8.84	107	203163	48.124	ng		92
22) Acetophenone	8.90	105	243379	40.357	ng		93
24) Nitrobenzene	9.29	77	195415	46.594	ng		95
25) Isophorone	9.81	82	401465	46.427	ng		98
26) 2-Nitrophenol	10.00	139	76156	52.680	ng	#	86
27) 2,4-Dimethylphenol	10.05	122	153764	50.603	ng		91
28) bis(2-Chloroethoxy)methane	10.29	93	208048	44.772	ng		98
29) 2,4-Dichlorophenol	10.53	162	168801	51.054	ng		91
30) 1,2,4-Trichlorobenzene	10.75	180	168766	42.568	ng		97
31) Naphthalene	10.94	128	426088	42.130	ng		98
32) Benzoic acid	10.19	122	107109	52.626	ng	#	89
33) 4-Chloroaniline	11.04	127	25378	5.779	ng		98
34) Hexachlorobutadiene	11.22	225	129251	41.920	ng		95
35) Caprolactam	11.82	113	58232m	47.656	ng		
36) 4-Chloro-3-methylphenol	12.15	107	208185	50.512	ng		94
37) 2-Methylnaphthalene	12.53	142	347071	45.264	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	226979	43.104	ng		99
40) Hexachlorocyclopentadiene	12.89	237	335043	101.460	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	156334	49.581	ng		97
43) 2,4,5-Trichlorophenol	13.20	196	164837	47.630	ng		97
45) 1,1'-Biphenyl	13.54	154	475971	41.870	ng		99
46) 2-Chloronaphthalene	13.59	162	367535	42.762	ng		97
47) 2-Nitroaniline	13.78	65	128566	50.657	ng		98
48) Acenaphthylene	14.43	152	626334	43.460	ng		98
49) Dimethylphthalate	14.16	163	518911	42.091	ng		99
50) 2,6-Dinitrotoluene	14.27	165	110610	49.180	ng		94
51) Acenaphthene	14.77	154	390841	41.507	ng		99
52) 3-Nitroaniline	14.60	138	29626	13.424	ng	#	92
53) 2,4-Dinitrophenol	14.80	184	108564	119.272	ng	#	67
54) Dibenzofuran	15.10	168	597310	42.355	ng		92
55) 4-Nitrophenol	14.90	139	183419	98.476	ng	#	83
56) 2,4-Dinitrotoluene	15.06	165	159784	53.481	ng		91
57) Fluorene	15.75	166	500489	42.465	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.32	232	168406	50.091	ng		95
59) Diethylphthalate	15.52	149	518882	41.253	ng		98
60) 4-Chlorophenyl-phenylether	15.74	204	284060	42.266	ng		99
61) 4-Nitroaniline	15.77	138	109749	46.370	ng	#	79
62) Azobenzene	16.04	77	544035	44.139	ng		94
64) 4,6-Dinitro-2-methylphenol	15.82	198	83022	50.912	ng		89
65) n-Nitrosodiphenylamine	15.96	169	440193	41.040	ng		98
66) 4-Bromophenyl-phenylether	16.63	248	192206	44.687	ng		93
67) Hexachlorobenzene	16.75	284	190448	43.503	ng		95
68) Atrazine	16.90	200	197970	43.281	ng		98
69) Pentachlorophenol	17.09	266	239127	81.231	ng		98
70) Phenanthrene	17.49	178	797311	43.945	ng		97
71) Anthracene	17.58	178	812717	44.719	ng		99
72) Carbazole	17.84	167	747809	44.348	ng		99
73) Di-n-butylphthalate	18.41	149	851618	42.373	ng	#	97
74) Fluoranthene	19.50	202	1035356	43.854	ng		96
76) Benzidine	19.67	184	275524	21.117	ng		97
77) Pyrene	19.85	202	1009650	43.671	ng		97
79) Butylbenzylphthalate	20.75	149	384562	45.808	ng		94
80) Benzo(a)anthracene	21.70	228	1007872	44.973	ng		98
81) 3,3'-Dichlorobenzidine	21.61	252	152977	18.144	ng	#	98
82) Chrysene	21.77	228	936024	45.618	ng		99
83) Bis(2-ethylhexyl)phthalate	21.63	149	541760	45.670	ng		97
84) Di-n-octyl phthalate	22.86	149	927509	45.575	ng		95
85) Indeno(1,2,3-cd)pyrene	28.68	276	1140519	47.460	ng	#	89
87) Benzo(b)fluoranthene	23.94	252	999073	45.695	ng	#	97
88) Benzo(k)fluoranthene	24.01	252	943385	44.109	ng	#	98
89) Benzo(a)pyrene	24.82	252	962274	46.773	ng	#	98
90) Dibenzo(a,h)anthracene	28.75	278	917954	45.198	ng	#	95
91) Benzo(g,h,i)perylene	29.83	276	935075	47.046	ng	#	94

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

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