Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110217\
Data File : BG030665.D
Acq On : 2 Nov 2017 16:52
Operator : SJ/JU
Sample : PB103878BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB103878BS

Manual Integrations APPROVED
Sohil
11/3/2017 1:24:48 PM

Quant Time: Nov 03 01:40:50 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 17:41:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	61053	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	285525	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	204311	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	522006	20.00	ng		0.00
75) Chrysene-d12	21.78	240	576222	20.00	ng		0.00
86) Perylene-d12	25.08	264	582742	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	259882	71.11	ng		0.00
7) Phenol-d6	7.31	99	354705	69.14	ng		0.00
23) Nitrobenzene-d5	9.32	82	298134	66.35	ng		0.00
41) 2,4,6-Tribromophenol	16.25	330	193654	73.41	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	870947	62.52	ng		0.00
78) Terphenyl-d14	20.10	244	1580391	62.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	46637	31.452	ng	#	84
3) Pyridine	3.97	79	123329	28.561	ng		90
4) n-Nitrosodimethylamine	3.88	42	58049	28.759	ng	#	94
6) Aniline	7.47	93	76062	11.974	ng		93
8) 2-Chlorophenol	7.72	128	135399	32.322	ng		89
9) Benzaldehyde	7.29	77	58622	22.720	ng		86
10) Phenol	7.34	94	180022	32.551	ng		89
11) bis(2-Chloroethyl)ether	7.56	93	120342	29.866	ng		91
12) 1,3-Dichlorobenzene	8.04	146	139791	29.723	ng		95
13) 1,4-Dichlorobenzene	8.19	146	144438	30.080	ng		94
14) 1,2-Dichlorobenzene	8.51	146	136757	29.528	ng		96
15) Benzyl Alcohol	8.39	79	116578	32.248	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.68	45	196152	28.665	ng		95
17) 2-Methylphenol	8.60	107	121176	32.983	ng		95
18) Hexachloroethane	9.24	117	49447	30.218	ng		96
19) n-Nitroso-di-n-propylamine	8.95	70	101132	28.994	ng	#	94
20) 3+4-Methylphenols	8.92	107	169546	32.752	ng		96
22) Acetophenone	8.97	105	196906	28.616	ng	#	94
24) Nitrobenzene	9.36	77	146479	28.995	ng		89
25) Isophorone	9.88	82	284322	30.312	ng	#	92
26) 2-Nitrophenol	10.08	139	76668	31.753	ng	#	85
27) 2,4-Dimethylphenol	10.13	122	141658	32.427	ng		90
28) bis(2-Chloroethoxy)methane	10.36	93	176897	30.756	ng		96
29) 2,4-Dichlorophenol	10.61	162	157740	33.861	ng		93
30) 1,2,4-Trichlorobenzene	10.83	180	156875	31.170	ng		94
31) Naphthalene	11.02	128	418316	29.397	ng		97
32) Benzoic acid	10.25	122	87112	23.815	ng	#	79
33) 4-Chloroaniline	11.12	127	62144	10.382	ng		95
34) Hexachlorobutadiene	11.30	225	95859	30.634	ng		99
35) Caprolactam	11.87	113	55501m	35.848	ng		
36) 4-Chloro-3-methylphenol	12.23	107	165256	32.254	ng	#	85
37) 2-Methylnaphthalene	12.61	142	339124	32.699	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	193284	25.911	ng		98
40) Hexachlorocyclopentadiene	12.95	237	205151	73.030	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	142596	30.452	ng		97
43) 2,4,5-Trichlorophenol	13.28	196	154976	32.226	ng		96
45) 1,1'-Biphenyl	13.61	154	474186	27.002	ng		97
46) 2-Chloronaphthalene	13.65	162	373072	29.125	ng		96
47) 2-Nitroaniline	13.85	65	110184	31.317	ng	#	84
48) Acenaphthylene	14.49	152	588006	29.331	ng		98
49) Dimethylphthalate	14.21	163	491407	30.827	ng		99
50) 2,6-Dinitrotoluene	14.34	165	110978	33.210	ng	#	80
51) Acenaphthene	14.84	154	359993	27.599	ng		98
52) 3-Nitroaniline	14.67	138	52687	14.611	ng	#	82
53) 2,4-Dinitrophenol	14.88	184	114588	63.740	ng	#	51
54) Dibenzofuran	15.16	168	604171	32.447	ng		100
55) 4-Nitrophenol	14.98	139	188829	63.518	ng	#	79
56) 2,4-Dinitrotoluene	15.12	165	159573	35.275	ng	#	74
57) Fluorene	15.81	166	482189	31.347	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	149758	37.326	ng		92
59) Diethylphthalate	15.57	149	495167	31.169	ng		98
60) 4-Chlorophenyl-phenylether	15.80	204	270122	32.936	ng		93
61) 4-Nitroaniline	15.83	138	114408	30.899	ng		83
62) Azobenzene	16.09	77	432515	32.285	ng		93
64) 4,6-Dinitro-2-methylphenol	15.89	198	81521	29.601	ng		79
65) n-Nitrosodiphenylamine	16.01	169	441549	28.237	ng		98
66) 4-Bromophenyl-phenylether	16.69	248	177084	29.564	ng		99
67) Hexachlorobenzene	16.82	284	194683	28.693	ng		96
68) Atrazine	16.95	200	175809	31.510	ng		99
69) Pentachlorophenol	17.16	266	223132	57.248	ng		98
70) Phenanthrene	17.55	178	812480	30.129	ng		98
71) Anthracene	17.64	178	826763	30.532	ng		99
72) Carbazole	17.91	167	773282	29.728	ng		99
73) Di-n-butylphthalate	18.45	149	885636	29.603	ng		99
74) Fluoranthene	19.55	202	1019421	32.320	ng		98
76) Benzidine	19.72	184	285842	16.429	ng		97
77) Pyrene	19.91	202	1043939	29.865	ng		97
79) Butylbenzylphthalate	20.78	149	421987	28.336	ng		88
80) Benzo(a)anthracene	21.76	228	1037445	30.665	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	192730	13.802	ng		97
82) Chrysene	21.83	228	978478	30.200	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	591055	27.655	ng		99
84) Di-n-octyl phthalate	22.88	149	1015686	27.268	ng		95
85) Indeno(1,2,3-cd)pyrene	28.86	276	1234979	30.983	ng		98
87) Benzo(b)fluoranthene	24.03	252	1043610	31.281	ng		99
88) Benzo(k)fluoranthene	24.09	252	1034247	31.117	ng		98
89) Benzo(a)pyrene	24.92	252	1021072	31.836	ng		100
90) Dibenzo(a,h)anthracene	28.91	278	1034528	31.860	ng		97
91) Benzo(g,h,i)perylene	30.04	276	1031924	34.204	ng		97

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

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