Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110217\
Data File : BG030666.D
Acq On : 2 Nov 2017 17:30
Operator : SJ/JU
Sample : PB103878BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB103878BSD

Manual Integrations APPROVED
Sohil
11/3/2017 1:24:49 PM

Quant Time: Nov 03 01:42:49 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	56618	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	267975	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	192253	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	488141	20.00	ng		0.00
75) Chrysene-d12	21.78	240	569120	20.00	ng		0.00
86) Perylene-d12	25.08	264	590787	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	251872	74.32	ng		0.00
7) Phenol-d6	7.31	99	342205	71.93	ng		0.00
23) Nitrobenzene-d5	9.32	82	283417	67.21	ng		0.00
41) 2,4,6-Tribromophenol	16.25	330	184053	74.15	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	827964	63.16	ng		0.00
78) Terphenyl-d14	20.10	244	1549406	61.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	45714	33.244	ng		84
3) Pyridine	3.97	79	123960	30.956	ng		89
4) n-Nitrosodimethylamine	3.88	42	59625	31.853	ng	#	96
6) Aniline	7.47	93	73855	12.537	ng		94
8) 2-Chlorophenol	7.71	128	137028	35.273	ng		92
9) Benzaldehyde	7.28	77	50043	20.914	ng		92
10) Phenol	7.34	94	184581	35.989	ng		92
11) bis(2-Chloroethyl)ether	7.57	93	122252	32.717	ng		90
12) 1,3-Dichlorobenzene	8.04	146	142973	32.781	ng		95
13) 1,4-Dichlorobenzene	8.19	146	144170	32.376	ng		95
14) 1,2-Dichlorobenzene	8.51	146	138850	32.328	ng		97
15) Benzyl Alcohol	8.39	79	120612	35.977	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.68	45	196978	31.040	ng		92
17) 2-Methylphenol	8.59	107	122135	35.848	ng		97
18) Hexachloroethane	9.24	117	48973	32.272	ng		95
19) n-Nitroso-di-n-propylamine	8.95	70	103657	32.046	ng	#	97
20) 3+4-Methylphenols	8.92	107	172672	35.969	ng		96
22) Acetophenone	8.98	105	198127	30.679	ng	#	90
24) Nitrobenzene	9.36	77	148903	31.405	ng	#	89
25) Isophorone	9.88	82	285760	32.460	ng	#	93
26) 2-Nitrophenol	10.08	139	77441	34.173	ng		88
27) 2,4-Dimethylphenol	10.13	122	144624	35.274	ng		93
28) bis(2-Chloroethoxy)methane	10.36	93	178823	33.127	ng		94
29) 2,4-Dichlorophenol	10.61	162	159203	36.413	ng		89
30) 1,2,4-Trichlorobenzene	10.83	180	156397	33.111	ng		99
31) Naphthalene	11.02	128	424630	31.795	ng		99
32) Benzoic acid	10.25	122	101125	29.457	ng	#	81
33) 4-Chloroaniline	11.13	127	62001	11.036	ng		95
34) Hexachlorobutadiene	11.30	225	95706	32.588	ng		94
35) Caprolactam	11.88	113	56250m	38.711	ng		
36) 4-Chloro-3-methylphenol	12.23	107	167307	34.793	ng		87
37) 2-Methylnaphthalene	12.61	142	341191	35.053	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	193339	27.544	ng		97
40) Hexachlorocyclopentadiene	12.95	237	204346	77.033	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	140690	31.929	ng		98
43) 2,4,5-Trichlorophenol	13.28	196	155824	34.435	ng		95
45) 1,1'-Biphenyl	13.61	154	468860	28.373	ng		98
46) 2-Chloronaphthalene	13.65	162	370720	30.756	ng		98
47) 2-Nitroaniline	13.85	65	109694	33.133	ng	#	81
48) Acenaphthylene	14.49	152	588418	31.192	ng		99
49) Dimethylphthalate	14.22	163	493730	32.915	ng		98
50) 2,6-Dinitrotoluene	14.34	165	110484	35.136	ng	#	80
51) Acenaphthene	14.83	154	365415	29.772	ng		99
52) 3-Nitroaniline	14.67	138	59699	17.594	ng	#	75
53) 2,4-Dinitrophenol	14.88	184	120790	70.607	ng	#	50
54) Dibenzofuran	15.16	168	605086	34.534	ng		99
55) 4-Nitrophenol	14.98	139	195038	69.722	ng	#	82
56) 2,4-Dinitrotoluene	15.12	165	162494	38.174	ng	#	77
57) Fluorene	15.81	166	479304	33.114	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	147816	39.152	ng	#	94
59) Diethylphthalate	15.57	149	497284	33.265	ng		98
60) 4-Chlorophenyl-phenylether	15.80	204	270082	34.997	ng		94
61) 4-Nitroaniline	15.83	138	120772	34.663	ng		85
62) Azobenzene	16.09	77	431830	34.256	ng		95
64) 4,6-Dinitro-2-methylphenol	15.89	198	86210	32.821	ng		80
65) n-Nitrosodiphenylamine	16.01	169	442868	30.286	ng		99
66) 4-Bromophenyl-phenylether	16.69	248	178685	31.900	ng		99
67) Hexachlorobenzene	16.82	284	197544	31.135	ng		91
68) Atrazine	16.95	200	176667	33.860	ng		98
69) Pentachlorophenol	17.16	266	226097	62.033	ng		98
70) Phenanthrene	17.55	178	822037	32.598	ng		99
71) Anthracene	17.64	178	838412	33.110	ng		99
72) Carbazole	17.91	167	784318	32.244	ng		100
73) Di-n-butylphthalate	18.45	149	899234	32.143	ng		100
74) Fluoranthene	19.55	202	1045757	35.455	ng		97
76) Benzidine	19.72	184	421154	24.509	ng		98
77) Pyrene	19.91	202	1082069	31.343	ng		97
79) Butylbenzylphthalate	20.77	149	443462	30.150	ng		88
80) Benzo(a)anthracene	21.76	228	1104996	33.070	ng		98
81) 3,3'-Dichlorobenzidine	21.67	252	328569	23.823	ng		98
82) Chrysene	21.83	228	1057693	33.053	ng		97
83) Bis(2-ethylhexyl)phthalate	21.64	149	632128	29.946	ng		99
84) Di-n-octyl phthalate	22.88	149	1095334	29.773	ng		95
85) Indeno(1,2,3-cd)pyrene	28.87	276	1376997	34.977	ng		98
87) Benzo(b)fluoranthene	24.03	252	1140930	33.732	ng		99
88) Benzo(k)fluoranthene	24.10	252	1137556	33.759	ng		97
89) Benzo(a)pyrene	24.92	252	1128129	34.695	ng		98
90) Dibenzo(a,h)anthracene	28.92	278	1153594	35.043	ng		97
91) Benzo(g,h,i)perylene	30.05	276	1143587	37.389	ng		98

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

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