Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111017\
Data File : BG030915.D
Acq On : 10 Nov 2017 20:29
Operator : SJ/JU
Sample : PB104116BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104116BS

Manual Integrations APPROVED
SOHIL
11/13/2017 4:45:02 PM

Quant Time: Nov 11 06:01:27 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	47442	20.00	ng		-0.01
21) Naphthalene-d8	10.96	136	212064	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	148843	20.00	ng		-0.01
63) Phenanthrene-d10	17.51	188	393158	20.00	ng		0.00
75) Chrysene-d12	21.78	240	480059	20.00	ng		0.00
86) Perylene-d12	25.08	264	474010	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	302394	109.30	ng		0.00
7) Phenol-d6	7.31	99	394108	105.73	ng		0.00
23) Nitrobenzene-d5	9.31	82	229212	64.05	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	236194	98.10	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	676558	65.31	ng		-0.01
78) Terphenyl-d14	20.09	244	1349369	62.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	33472	29.813	ng	#	83
3) Pyridine	3.96	79	94439	28.974	ng		88
4) n-Nitrosodimethylamine	3.87	42	46954	30.395	ng	#	94
6) Aniline	7.46	93	68589	13.983	ng		90
8) 2-Chlorophenol	7.71	128	109610	35.900	ng		92
9) Benzaldehyde	7.28	77	55351	21.221	ng		86
10) Phenol	7.34	94	139148	35.948	ng		96
11) bis(2-Chloroethyl)ether	7.55	93	96580	31.249	ng		90
12) 1,3-Dichlorobenzene	8.03	146	114754	32.035	ng		96
13) 1,4-Dichlorobenzene	8.18	146	115619	31.851	ng		93
14) 1,2-Dichlorobenzene	8.50	146	111925	32.124	ng		97
15) Benzyl Alcohol	8.38	79	97413	32.582	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.67	45	149259	43.722	ng		90
17) 2-Methylphenol	8.59	107	95002	35.245	ng		99
18) Hexachloroethane	9.23	117	40485	32.044	ng		89
19) n-Nitroso-di-n-propylamine	8.94	70	80397	28.368	ng	#	96
20) 3+4-Methylphenols	8.92	107	131453	34.296	ng		97
22) Acetophenone	8.97	105	155154	29.384	ng	#	92
24) Nitrobenzene	9.35	77	118874	32.517	ng	#	89
25) Isophorone	9.87	82	224379	32.148	ng	#	93
26) 2-Nitrophenol	10.07	139	62869	32.993	ng		91
27) 2,4-Dimethylphenol	10.13	122	109698	38.777	ng		92
28) bis(2-Chloroethoxy)methane	10.35	93	139683	31.776	ng		96
29) 2,4-Dichlorophenol	10.61	162	127060	37.403	ng		89
30) 1,2,4-Trichlorobenzene	10.82	180	130648	32.214	ng		97
31) Naphthalene	11.01	128	328275	31.490	ng		99
32) Benzoic acid	10.26	122	57530	27.199	ng		91
33) 4-Chloroaniline	11.12	127	48235	10.570	ng		92
34) Hexachlorobutadiene	11.29	225	87879	31.244	ng		96
35) Caprolactam	11.88	113	45026m	32.446	ng		
36) 4-Chloro-3-methylphenol	12.24	107	128708	34.812	ng	#	87
37) 2-Methylnaphthalene	12.61	142	261470	32.490	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	166453	28.177	ng		96
40) Hexachlorocyclopentadiene	12.95	237	146966	68.962	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	113478	33.602	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	120927	32.727	ng		92
45) 1,1'-Biphenyl	13.60	154	363545	29.455	ng		99
46) 2-Chloronaphthalene	13.65	162	285846	32.099	ng		96
47) 2-Nitroaniline	13.85	65	87156	33.020	ng	#	87
48) Acenaphthylene	14.49	152	449205	30.820	ng		99
49) Dimethylphthalate	14.21	163	411949	32.010	ng		99
50) 2,6-Dinitrotoluene	14.33	165	88635	33.414	ng	#	81
51) Acenaphthene	14.83	154	278778	30.625	ng		99
52) 3-Nitroaniline	14.67	138	36474	12.950	ng	#	74
53) 2,4-Dinitrophenol	14.88	184	100351	69.589	ng	#	50
54) Dibenzofuran	15.16	168	474231	32.707	ng		99
55) 4-Nitrophenol	14.98	139	141995	70.772	ng	#	85
56) 2,4-Dinitrotoluene	15.13	165	131551	34.304	ng	#	74
57) Fluorene	15.81	166	378085	32.119	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	123272	35.004	ng	#	90
59) Diethylphthalate	15.56	149	415321	31.770	ng		98
60) 4-Chlorophenyl-phenylether	15.79	204	225514	31.721	ng		94
61) 4-Nitroaniline	15.83	138	92772	31.106	ng		91
62) Azobenzene	16.08	77	331521	33.253	ng		95
64) 4,6-Dinitro-2-methylphenol	15.89	198	76661	29.335	ng		78
65) n-Nitrosodiphenylamine	16.01	169	357273	29.989	ng		99
66) 4-Bromophenyl-phenylether	16.68	248	156015	31.331	ng		98
67) Hexachlorobenzene	16.81	284	167577	31.672	ng		95
68) Atrazine	16.95	200	151246	30.769	ng		97
69) Pentachlorophenol	17.16	266	178856	61.153	ng		98
70) Phenanthrene	17.55	178	662197	32.349	ng		99
71) Anthracene	17.63	178	680680	33.185	ng		99
72) Carbazole	17.91	167	629860	32.772	ng		99
73) Di-n-butylphthalate	18.45	149	748056	31.700	ng		100
74) Fluoranthene	19.54	202	888110	34.265	ng		97
76) Benzidine	19.71	184	247694	16.063	ng		95
77) Pyrene	19.91	202	915710	32.145	ng		98
79) Butylbenzylphthalate	20.77	149	358673	31.579	ng		86
80) Benzo(a)anthracene	21.75	228	950974	31.891	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	145216	12.064	ng	#	99
82) Chrysene	21.82	228	899079	32.594	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	502832	30.669	ng		97
84) Di-n-octyl phthalate	22.87	149	840582	31.500	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.87	276	1042703	31.094	ng	#	79
87) Benzo(b)fluoranthene	24.03	252	931103	32.473	ng		97
88) Benzo(k)fluoranthene	24.10	252	915319	32.206	ng		98
89) Benzo(a)pyrene	24.93	252	899229	33.013	ng	#	98
90) Dibenzo(a,h)anthracene	28.93	278	883211	31.723	ng		97
91) Benzo(g,h,i)perylene	30.07	276	868520	32.142	ng		95

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

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