Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG062217\
Data File : BG027598.D
Acq On : 22 Jun 2017 16:16
Operator : SJ/JU
Sample : PB99872BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB99872BS

Manual Integrations APPROVED
mohammad
6/26/2017 8:29:32 AM

Quant Time: Jun 23 02:26:30 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	17978	20.00	ng		0.00
21) Naphthalene-d8	11.32	136	88211	20.00	ng		0.00
38) Acenaphthene-d10	15.09	164	60119	20.00	ng		0.00
63) Phenanthrene-d10	17.84	188	165192	20.00	ng		0.00
75) Chrysene-d12	22.21	240	185997	20.00	ng		0.00
86) Perylene-d12	25.84	264	172686	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.09	112	170614	135.07	ng		0.00
7) Phenol-d6	7.65	99	239618	128.14	ng		0.00
23) Nitrobenzene-d5	9.67	82	149332	80.11	ng		0.00
41) 2,4,6-Tribromophenol	16.58	330	129410	144.39	ng		0.00
44) 2-Fluorobiphenyl	13.72	172	349770	79.47	ng		0.00
78) Terphenyl-d14	20.41	244	684554	86.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.09	88	18757	38.25	ng		89
3) Pyridine	4.47	79	54081	34.06	ng	#	85
4) n-Nitrosodimethylamine	4.38	42	30959	42.73	ng	#	82
6) Aniline	7.83	93	41397	18.14	ng		95
8) 2-Chlorophenol	8.07	128	62638	46.86	ng		96
9) Benzaldehyde	7.65	77	16300	12.83	ng		98
10) Phenol	7.67	94	88039	46.21	ng		94
11) bis(2-Chloroethyl)ether	7.91	93	57010	38.23	ng		91
12) 1,3-Dichlorobenzene	8.40	146	57574	40.81	ng		98
13) 1,4-Dichlorobenzene	8.54	146	57517	40.38	ng		94
14) 1,2-Dichlorobenzene	8.86	146	57342	40.97	ng		94
15) Benzyl Alcohol	8.73	79	67134	44.96	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.01	45	84730	34.25	ng		90
17) 2-Methylphenol	8.92	107	58827	43.88	ng		94
18) Hexachloroethane	9.59	117	22766	40.76	ng	#	84
19) n-Nitroso-di-n-propylamine	9.30	70	54679	36.81	ng		88
20) 3+4-Methylphenols	9.24	107	80077	43.63	ng		92
22) Acetophenone	9.32	105	96989	40.09	ng	#	89
24) Nitrobenzene	9.71	77	83057	40.65	ng	#	90
25) Isophorone	10.22	82	150275	39.24	ng		98
26) 2-Nitrophenol	10.42	139	32412	42.88	ng		94
27) 2,4-Dimethylphenol	10.46	122	66549	46.62	ng		90
28) bis(2-Chloroethoxy)methane	10.70	93	85503	39.61	ng		99
29) 2,4-Dichlorophenol	10.96	162	61606	49.97	ng		96
30) 1,2,4-Trichlorobenzene	11.18	180	59966	42.54	ng		94
31) Naphthalene	11.38	128	191975	40.27	ng		98
32) Benzoic acid	10.57	122	40313	41.02	ng		91
33) 4-Chloroaniline	11.48	127	14528	7.18	ng		95
34) Hexachlorobutadiene	11.65	225	36620	42.99	ng		98
35) Caprolactam	12.24	113	26752m	46.56	ng		
36) 4-Chloro-3-methylphenol	12.55	107	90352	47.79	ng		96
37) 2-Methylnaphthalene	12.94	142	148338	42.81	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	75929	40.27	ng	#	97
40) Hexachlorocyclopentadiene	13.27	237	99035	98.00	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	56879	46.69	ng		99
43) 2,4,5-Trichlorophenol	13.60	196	64137	44.80	ng		98
45) 1,1'-Biphenyl	13.93	154	200881	40.07	ng		96
46) 2-Chloronaphthalene	13.97	162	151766	40.71	ng		92
47) 2-Nitroaniline	14.17	65	70467	42.10	ng		98
48) Acenaphthylene	14.81	152	257339	39.39	ng		98
49) Dimethylphthalate	14.53	163	230951	43.87	ng		98
50) 2,6-Dinitrotoluene	14.65	165	51030	44.68	ng		94
51) Acenaphthene	15.15	154	171806	37.74	ng		96
52) 3-Nitroaniline	14.99	138	15983	13.26	ng		94
53) 2,4-Dinitrophenol	15.19	184	64367	99.70	ng	#	88
54) Dibenzofuran	15.48	168	263985	44.53	ng		96
55) 4-Nitrophenol	15.28	139	92312	91.45	ng	#	80
56) 2,4-Dinitrotoluene	15.44	165	76779	47.40	ng		98
57) Fluorene	16.13	166	230002	40.96	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.71	232	65109	51.65	ng		90
59) Diethylphthalate	15.88	149	255268	44.44	ng		96
60) 4-Chlorophenyl-phenylether	16.11	204	116992	42.34	ng		94
61) 4-Nitroaniline	16.15	138	56562	42.76	ng	#	83
62) Azobenzene	16.41	77	263358	44.72	ng		94
64) 4,6-Dinitro-2-methylphenol	16.20	198	45201	43.09	ng		80
65) n-Nitrosodiphenylamine	16.33	169	205941	40.67	ng		98
66) 4-Bromophenyl-phenylether	17.01	248	77298	42.55	ng	#	87
67) Hexachlorobenzene	17.14	284	82665	42.58	ng		96
68) Atrazine	17.26	200	81240	43.79	ng		97
69) Pentachlorophenol	17.48	266	108789	90.20	ng		97
70) Phenanthrene	17.88	178	391532	41.66	ng		94
71) Anthracene	17.97	178	396783	41.94	ng		95
72) Carbazole	18.24	167	346781	37.62	ng		97
73) Di-n-butylphthalate	18.76	149	450037	43.57	ng	#	94
74) Fluoranthene	19.87	202	459136	41.94	ng		94
76) Benzidine	20.04	184	97989	21.47	ng		97
77) Pyrene	20.24	202	472096	41.75	ng		94
79) Butylbenzylphthalate	21.11	149	202504	42.91	ng		95
80) Benzo(a)anthracene	22.19	228	469241	42.05	ng		93
81) 3,3'-Dichlorobenzidine	22.08	252	86188	21.36	ng	#	95
82) Chrysene	22.26	228	433133	40.96	ng		94
83) Bis(2-ethylhexyl)phthalate	22.03	149	289980	41.92	ng		99
84) Di-n-octyl phthalate	23.39	149	498976	43.37	ng	#	91
85) Indeno(1,2,3-cd)pyrene	30.03	276	531507	44.11	ng	#	95
87) Benzo(b)fluoranthene	24.68	252	474955	43.02	ng	#	95
88) Benzo(k)fluoranthene	24.76	252	449293	41.59	ng	#	93
89) Benzo(a)pyrene	25.67	252	442503	42.47	ng	#	92
90) Dibenzo(a,h)anthracene	30.10	278	451035	42.50	ng	#	97
91) Benzo(g,h,i)perylene	31.34	276	435136	42.21	ng	#	94

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

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