Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG062417\
Data File : BG027663.D
Acq On : 24 Jun 2017 17:29
Operator : SJ/JU
Sample : PB100066BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB100066BS

Manual Integrations APPROVED
mohammad
6/29/2017 4:42:51 PM

Quant Time: Jun 26 05:33:08 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	8.51	152	16838	20.00	ng		0.00
21) Naphthalene-d8	11.33	136	78539	20.00	ng		0.00
38) Acenaphthene-d10	15.09	164	53512	20.00	ng		0.00
63) Phenanthrene-d10	17.84	188	147001	20.00	ng		0.00
75) Chrysene-d12	22.21	240	172161	20.00	ng		0.00
86) Perylene-d12	25.84	264	152256	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.09	112	167578	141.64	ng		0.00
7) Phenol-d6	7.65	99	235360	134.38	ng		0.00
23) Nitrobenzene-d5	9.67	82	147197	88.68	ng		0.00
41) 2,4,6-Tribromophenol	16.58	330	116093	145.52	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	350625	89.50	ng		0.00
78) Terphenyl-d14	20.41	244	701895	96.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.09	88	15441	33.616	ng		93
3) Pyridine	4.47	79	48030	32.301	ng	#	79
4) n-Nitrosodimethylamine	4.38	42	29519	43.498	ng	#	93
6) Aniline	7.83	93	54723	25.602	ng		93
8) 2-Chlorophenol	8.07	128	63854	51.008	ng		92
9) Benzaldehyde	7.65	77	34771	29.216	ng		91
10) Phenol	7.68	94	87571	49.081	ng		98
11) bis(2-Chloroethyl)ether	7.91	93	54822	39.257	ng		90
12) 1,3-Dichlorobenzene	8.40	146	56949	43.096	ng		97
13) 1,4-Dichlorobenzene	8.54	146	58902	44.150	ng		97
14) 1,2-Dichlorobenzene	8.86	146	57211	43.640	ng		94
15) Benzyl Alcohol	8.73	79	69504	49.703	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.02	45	73566	31.750	ng		87
17) 2-Methylphenol	8.93	107	57826	46.058	ng		95
18) Hexachloroethane	9.60	117	22997	43.957	ng	#	85
19) n-Nitroso-di-n-propylamine	9.29	70	50809	36.522	ng		89
20) 3+4-Methylphenols	9.25	107	79935	46.501	ng		96
22) Acetophenone	9.32	105	95943	44.546	ng	#	87
24) Nitrobenzene	9.72	77	81320	44.697	ng		92
25) Isophorone	10.23	82	139154	40.806	ng		99
26) 2-Nitrophenol	10.43	139	32745	48.660	ng		95
27) 2,4-Dimethylphenol	10.47	122	66755	52.527	ng		94
28) bis(2-Chloroethoxy)methane	10.70	93	79709	41.472	ng		98
29) 2,4-Dichlorophenol	10.96	162	64182	58.470	ng		97
30) 1,2,4-Trichlorobenzene	11.18	180	61405	48.929	ng		96
31) Naphthalene	11.37	128	190836	44.955	ng		100
32) Benzoic acid	10.58	122	36480	41.561	ng	#	84
33) 4-Chloroaniline	11.48	127	22983	12.766	ng		91
34) Hexachlorobutadiene	11.64	225	39185	51.667	ng		94
35) Caprolactam	12.25	113	24338	47.572	ng	#	88
36) 4-Chloro-3-methylphenol	12.56	107	92121	54.721	ng		94
37) 2-Methylnaphthalene	12.94	142	147844	47.923	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	80001	47.674	ng		97
40) Hexachlorocyclopentadiene	13.28	237	78181	86.920	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	59750	55.102	ng		95
43) 2,4,5-Trichlorophenol	13.61	196	64863	50.904	ng		97
45) 1,1'-Biphenyl	13.92	154	201998	45.271	ng		97
46) 2-Chloronaphthalene	13.98	162	151405	45.624	ng	#	92
47) 2-Nitroaniline	14.17	65	70237	47.146	ng		95
48) Acenaphthylene	14.82	152	254115	43.699	ng		97
49) Dimethylphthalate	14.53	163	226536	48.349	ng		97
50) 2,6-Dinitrotoluene	14.66	165	51280	50.439	ng		92
51) Acenaphthene	15.16	154	169689	41.881	ng		97
52) 3-Nitroaniline	14.99	138	30876	28.771	ng		88
53) 2,4-Dinitrophenol	15.19	184	14770	25.703	ng	#	78
54) Dibenzofuran	15.49	168	262043	49.654	ng		99
55) 4-Nitrophenol	15.29	139	76857	85.540	ng	#	81
56) 2,4-Dinitrotoluene	15.44	165	74063	51.373	ng	#	96
57) Fluorene	16.13	166	230527	46.124	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.71	232	63636m	56.714	ng		
59) Diethylphthalate	15.88	149	252814	49.449	ng		96
60) 4-Chlorophenyl-phenylether	16.11	204	120802	49.116	ng		97
61) 4-Nitroaniline	16.15	138	55267	46.940	ng		95
62) Azobenzene	16.41	77	245399	46.811	ng		97
64) 4,6-Dinitro-2-methylphenol	16.20	198	18836	20.178	ng		83
65) n-Nitrosodiphenylamine	16.33	169	205964	45.705	ng		99
66) 4-Bromophenyl-phenylether	17.01	248	79937	49.443	ng		89
67) Hexachlorobenzene	17.14	284	82152	47.549	ng		98
68) Atrazine	17.27	200	82026	49.687	ng		98
69) Pentachlorophenol	17.48	266	79186	73.784	ng		96
70) Phenanthrene	17.88	178	381769	45.652	ng		94
71) Anthracene	17.98	178	391558	46.504	ng		97
72) Carbazole	18.24	167	339151	41.346	ng		95
73) Di-n-butylphthalate	18.76	149	443368	48.240	ng	#	95
74) Fluoranthene	19.87	202	466825	47.914	ng		94
76) Benzidine	20.04	184	90380	21.390	ng		97
77) Pyrene	20.24	202	482376	46.092	ng		94
79) Butylbenzylphthalate	21.11	149	204582	46.837	ng		96
80) Benzo(a)anthracene	22.19	228	485766	47.027	ng		93
81) 3,3'-Dichlorobenzidine	22.08	252	98975	26.502	ng	#	98
82) Chrysene	22.26	228	448226	45.795	ng		95
83) Bis(2-ethylhexyl)phthalate	22.04	149	290352	45.349	ng		98
84) Di-n-octyl phthalate	23.39	149	502830	47.215	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.04	276	535364	47.997	ng	#	96
87) Benzo(b)fluoranthene	24.68	252	483611	49.679	ng		97
88) Benzo(k)fluoranthene	24.76	252	480589	50.460	ng		95
89) Benzo(a)pyrene	25.67	252	466323	50.759	ng	#	96
90) Dibenzo(a,h)anthracene	30.11	278	453431	48.456	ng		97
91) Benzo(g,h,i)perylene	31.35	276	428152	47.105	ng	#	95

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

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