Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062117\
Data File : BG027575.D
Acq On : 22 Jun 2017 00:42
Operator : SJ/JU
Sample : PB99895BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB99895BSD

Manual Integrations APPROVED
mohammad
6/22/2017 6:04:27 PM

Quant Time: Jun 22 03:57:57 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	20391	20.00	ng		0.00
21) Naphthalene-d8	11.32	136	100910	20.00	ng		0.00
38) Acenaphthene-d10	15.09	164	66610	20.00	ng		0.00
63) Phenanthrene-d10	17.84	188	186350	20.00	ng		0.00
75) Chrysene-d12	22.21	240	214404	20.00	ng		0.00
86) Perylene-d12	25.84	264	198887	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.09	112	115392	80.54	ng		0.00
7) Phenol-d6	7.64	99	166406	78.46	ng		0.00
23) Nitrobenzene-d5	9.66	82	157361	73.79	ng		0.00
41) 2,4,6-Tribromophenol	16.57	330	80454	81.02	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	351529	72.09	ng		0.00
78) Terphenyl-d14	20.42	244	701148	77.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.09	88	17225	30.966	ng		90
3) Pyridine	4.46	79	53309	29.604	ng	#	81
4) n-Nitrosodimethylamine	4.38	42	30472	37.079	ng	#	80
6) Aniline	7.83	93	62756	24.244	ng		94
8) 2-Chlorophenol	8.07	128	63464	41.863	ng		95
9) Benzaldehyde	7.65	77	19843	13.768	ng		96
10) Phenol	7.67	94	90244	41.766	ng		89
11) bis(2-Chloroethyl)ether	7.91	93	59543	35.208	ng		95
12) 1,3-Dichlorobenzene	8.39	146	57840	36.143	ng		99
13) 1,4-Dichlorobenzene	8.54	146	58439	36.171	ng		97
14) 1,2-Dichlorobenzene	8.86	146	56362	35.501	ng		94
15) Benzyl Alcohol	8.73	79	68617	40.519	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.01	45	94651	33.732	ng		91
17) 2-Methylphenol	8.92	107	59178	38.922	ng		93
18) Hexachloroethane	9.59	117	23043	36.370	ng	#	85
19) n-Nitroso-di-n-propylamine	9.29	70	58319	34.616	ng	#	86
20) 3+4-Methylphenols	9.25	107	82046	39.413	ng		92
22) Acetophenone	9.32	105	99983	36.130	ng	#	87
24) Nitrobenzene	9.71	77	82366	35.236	ng		93
25) Isophorone	10.22	82	158071	36.077	ng	#	97
26) 2-Nitrophenol	10.42	139	32191	37.231	ng		94
27) 2,4-Dimethylphenol	10.46	122	66861	40.947	ng		98
28) bis(2-Chloroethoxy)methane	10.70	93	89690	36.320	ng		96
29) 2,4-Dichlorophenol	10.96	162	60561	42.940	ng		97
30) 1,2,4-Trichlorobenzene	11.18	180	58253	36.127	ng		97
31) Naphthalene	11.37	128	196185	35.970	ng		100
32) Benzoic acid	10.56	122	44038	39.524	ng		92
33) 4-Chloroaniline	11.47	127	26609	11.503	ng	#	94
34) Hexachlorobutadiene	11.64	225	35308	36.234	ng		95
35) Caprolactam	12.24	113	28726m	43.701	ng		
36) 4-Chloro-3-methylphenol	12.55	107	93904	43.414	ng		97
37) 2-Methylnaphthalene	12.94	142	149227	37.648	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	73520	35.197	ng	#	95
40) Hexachlorocyclopentadiene	13.28	237	95236	85.061	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	55172	40.875	ng		99
43) 2,4,5-Trichlorophenol	13.60	196	63869	40.267	ng	#	96
45) 1,1'-Biphenyl	13.92	154	201573	36.293	ng		98
46) 2-Chloronaphthalene	13.98	162	150031	36.320	ng		94
47) 2-Nitroaniline	14.17	65	74742	40.304	ng		96
48) Acenaphthylene	14.82	152	258681	35.737	ng		97
49) Dimethylphthalate	14.53	163	231563	39.704	ng		96
50) 2,6-Dinitrotoluene	14.65	165	51902	41.012	ng		90
51) Acenaphthene	15.15	154	208025	41.246	ng		96
52) 3-Nitroaniline	14.99	138	25008	18.721	ng		95
53) 2,4-Dinitrophenol	15.19	184	62929	87.977	ng	#	82
54) Dibenzofuran	15.49	168	259309	39.474	ng		99
55) 4-Nitrophenol	15.28	139	97373	87.064	ng	#	76
56) 2,4-Dinitrotoluene	15.43	165	78427	43.703	ng	#	99
57) Fluorene	16.13	166	230734	37.087	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.70	232	64246	45.999	ng		89
59) Diethylphthalate	15.88	149	259239	40.735	ng		97
60) 4-Chlorophenyl-phenylether	16.12	204	114796	37.496	ng		94
61) 4-Nitroaniline	16.15	138	60524	41.297	ng	#	82
62) Azobenzene	16.41	77	272246	41.720	ng		93
64) 4,6-Dinitro-2-methylphenol	16.20	198	45500	38.449	ng		75
65) n-Nitrosodiphenylamine	16.33	169	211937	37.100	ng		99
66) 4-Bromophenyl-phenylether	17.01	248	76885	37.514	ng	#	90
67) Hexachlorobenzene	17.14	284	80058	36.552	ng		96
68) Atrazine	17.27	200	84022	40.149	ng		95
69) Pentachlorophenol	17.48	266	105601	77.619	ng		96
70) Phenanthrene	17.88	178	403765	38.087	ng		94
71) Anthracene	17.97	178	403755	37.827	ng		96
72) Carbazole	18.24	167	367698	35.361	ng		95
73) Di-n-butylphthalate	18.76	149	468559	40.216	ng	#	95
74) Fluoranthene	19.88	202	473856	38.366	ng		93
76) Benzidine	20.05	184	151178	28.729	ng		97
77) Pyrene	20.23	202	488945	37.515	ng		94
79) Butylbenzylphthalate	21.11	149	217892	40.055	ng		98
80) Benzo(a)anthracene	22.19	228	484579	37.669	ng		93
81) 3,3'-Dichlorobenzidine	22.08	252	98089	21.090	ng	#	96
82) Chrysene	22.26	228	447243	36.691	ng		95
83) Bis(2-ethylhexyl)phthalate	22.04	149	310178	38.901	ng		96
84) Di-n-octyl phthalate	23.39	149	531004	40.037	ng	#	91
85) Indeno(1,2,3-cd)pyrene	30.03	276	540601	38.918	ng	#	90
87) Benzo(b)fluoranthene	24.68	252	478056	37.595	ng	#	97
88) Benzo(k)fluoranthene	24.76	252	468936	37.693	ng	#	93
89) Benzo(a)pyrene	25.67	252	455225	37.933	ng	#	93
90) Dibenzo(a,h)anthracene	30.10	278	457753	37.448	ng	#	96
91) Benzo(g,h,i)perylene	31.35	276	443116	37.321	ng	#	92

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

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