Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121417\
Data File : BG031565.D
Acq On : 14 Dec 2017 19:11
Operator : SJ/JU
Sample : PB105019BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB105019BS

Manual Integrations APPROVED
Sohil
12/15/2017 6:46:59 PM

Quant Time: Dec 15 03:56:19 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	69612	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	289906	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	190648	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	494552	20.00	ng		0.00
75) Chrysene-d12	21.74	240	565947	20.00	ng		0.00
86) Perylene-d12	25.02	264	508856	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	467223	118.97	ng		0.00
7) Phenol-d6	7.27	99	584521	107.21	ng		0.00
23) Nitrobenzene-d5	9.27	82	349712	74.35	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	271001	121.33	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	970793	74.74	ng		0.00
78) Terphenyl-d14	20.06	244	1752399	70.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	58062	30.985	ng	#	84
3) Pyridine	3.90	79	167390	33.928	ng		88
4) n-Nitrosodimethylamine	3.82	42	75034	32.288	ng	#	89
6) Aniline	7.42	93	101088	14.079	ng		94
8) 2-Chlorophenol	7.67	128	164806	37.621	ng		89
9) Benzaldehyde	7.23	77	94720	29.973	ng		94
10) Phenol	7.30	94	201910	36.051	ng		93
11) bis(2-Chloroethyl)ether	7.51	93	147667	32.304	ng		89
12) 1,3-Dichlorobenzene	7.99	146	180554	34.659	ng		97
13) 1,4-Dichlorobenzene	8.13	146	181348	33.495	ng		96
14) 1,2-Dichlorobenzene	8.46	146	174882	33.908	ng		98
15) Benzyl Alcohol	8.34	79	128844	30.210	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.62	45	215678	41.998	ng		89
17) 2-Methylphenol	8.55	107	137075	35.904	ng		97
18) Hexachloroethane	9.18	117	63052	34.548	ng		94
19) n-Nitroso-di-n-propylamine	8.90	70	114974	26.793	ng	#	97
20) 3+4-Methylphenols	8.88	107	188421	33.130	ng		97
22) Acetophenone	8.93	105	239943	34.500	ng	#	93
24) Nitrobenzene	9.31	77	173187	35.933	ng		92
25) Isophorone	9.83	82	317105	35.675	ng	#	93
26) 2-Nitrophenol	10.02	139	92053	38.625	ng		91
27) 2,4-Dimethylphenol	10.08	122	156050	43.103	ng		94
28) bis(2-Chloroethoxy)methane	10.31	93	202142	35.225	ng		94
29) 2,4-Dichlorophenol	10.57	162	177124	41.525	ng		92
30) 1,2,4-Trichlorobenzene	10.78	180	195217	35.829	ng		98
31) Naphthalene	10.96	128	479778	33.687	ng		99
32) Benzoic acid	10.24	122	54264	31.136	ng	#	80
33) 4-Chloroaniline	11.09	127	30782	4.978	ng		95
34) Hexachlorobutadiene	11.24	225	128148	35.458	ng		95
35) Caprolactam	11.85	113	64405m	38.453	ng		
36) 4-Chloro-3-methylphenol	12.20	107	176618	36.275	ng		86
37) 2-Methylnaphthalene	12.56	142	376310	34.125	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	250572	33.629	ng		97
40) Hexachlorocyclopentadiene	12.90	237	159668	67.608	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	157611	41.402	ng		99
43) 2,4,5-Trichlorophenol	13.26	196	165449	40.347	ng		93
45) 1,1'-Biphenyl	13.56	154	531646	33.952	ng		98
46) 2-Chloronaphthalene	13.61	162	407136	35.524	ng		96
47) 2-Nitroaniline	13.81	65	115268	35.792	ng	#	82
48) Acenaphthylene	14.45	152	621834	33.720	ng		98
49) Dimethylphthalate	14.17	163	564414	35.759	ng		99
50) 2,6-Dinitrotoluene	14.30	165	127213	37.707	ng	#	76
51) Acenaphthene	14.79	154	382821	32.830	ng		99
52) 3-Nitroaniline	14.64	138	32919	9.572	ng	#	80
53) 2,4-Dinitrophenol	14.85	184	101909	73.246	ng	#	50
54) Dibenzofuran	15.12	168	645651	34.699	ng		99
55) 4-Nitrophenol	14.97	139	178436	76.929	ng	#	79
56) 2,4-Dinitrotoluene	15.09	165	184167	38.434	ng	#	74
57) Fluorene	15.77	166	521150	34.954	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.35	232	161674	41.945	ng	#	89
59) Diethylphthalate	15.52	149	558218	35.283	ng		99
60) 4-Chlorophenyl-phenylether	15.75	204	308910	33.865	ng		91
61) 4-Nitroaniline	15.80	138	116485	32.276	ng		93
62) Azobenzene	16.05	77	444191	33.893	ng		94
64) 4,6-Dinitro-2-methylphenol	15.86	198	94269	33.180	ng	#	77
65) n-Nitrosodiphenylamine	15.97	169	458411	31.668	ng		100
66) 4-Bromophenyl-phenylether	16.65	248	205701	35.769	ng		99
67) Hexachlorobenzene	16.78	284	211596	35.632	ng		95
68) Atrazine	16.91	200	171013	32.309	ng		95
69) Pentachlorophenol	17.13	266	174444	62.449	ng		97
70) Phenanthrene	17.51	178	886195	34.311	ng		98
71) Anthracene	17.60	178	924161	36.178	ng		99
72) Carbazole	17.87	167	796948	34.475	ng		100
73) Di-n-butylphthalate	18.41	149	959158	35.929	ng		100
74) Fluoranthene	19.51	202	1186808	36.716	ng		98
76) Benzidine	19.70	184	144870	10.999	ng		94
77) Pyrene	19.88	202	1203204	34.215	ng		96
79) Butylbenzylphthalate	20.74	149	469280	38.040	ng		89
80) Benzo(a)anthracene	21.72	228	1225168	35.866	ng		99
81) 3,3'-Dichlorobenzidine	21.63	252	144618	12.164	ng	#	97
82) Chrysene	21.79	228	1170482	35.742	ng		98
83) Bis(2-ethylhexyl)phthalate	21.60	149	660849	37.234	ng		99
84) Di-n-octyl phthalate	22.82	149	1101481	37.623	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.79	276	1104342	31.555	ng		98
87) Benzo(b)fluoranthene	23.98	252	1175380	38.636	ng		99
88) Benzo(k)fluoranthene	24.04	252	1133048	36.496	ng		98
89) Benzo(a)pyrene	24.88	252	1101294	38.161	ng		99
90) Dibenzo(a,h)anthracene	28.84	278	938854	34.020	ng		99
91) Benzo(g,h,i)perylene	29.98	276	893510	32.932	ng		98

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

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