Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062818\
Data File : BG035483.D
Acq On : 28 Jun 2018 18:19
Operator : JU/SJ
Sample : PB110650BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB110650BS

Manual Integrations APPROVED
Sohil
6/29/2018 4:14:03 PM

Quant Time: Jun 29 12:31:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	68092	20.00	ng		-0.02
21) Naphthalene-d8	10.85	136	263243	20.00	ng		-0.03
38) Acenaphthene-d10	14.67	164	191611	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	512678	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	546937	20.00	ng		-0.03
86) Perylene-d12	24.91	264	559371	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	332572	82.43	ng		-0.01
7) Phenol-d6	7.22	99	495283	83.17	ng		0.00
23) Nitrobenzene-d5	9.22	82	309383	55.87	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	231887	94.54	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	729303	49.48	ng		-0.03
78) Terphenyl-d14	20.02	244	1328731	50.89	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	35061	18.213	ng	#	72
3) Pyridine	3.93	79	102321	19.699	ng	#	74
4) n-Nitrosodimethylamine	3.85	42	43859	19.655	ng	#	72
6) Aniline	7.38	93	96944	12.594	ng		98
8) 2-Chlorophenol	7.62	128	107659	25.455	ng		96
9) Benzaldehyde	7.19	77	82360	17.955	ng		97
10) Phenol	7.25	94	163000	26.449	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	104578	21.863	ng		92
12) 1,3-Dichlorobenzene	7.94	146	115229	22.835	ng		95
13) 1,4-Dichlorobenzene	8.09	146	117678	22.590	ng		94
14) 1,2-Dichlorobenzene	8.40	146	113015	23.097	ng		97
15) Benzyl Alcohol	8.29	79	126677	22.449	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.58	45	114136	23.973	ng		77
17) 2-Methylphenol	8.49	107	108916	26.806	ng	#	89
18) Hexachloroethane	9.13	117	43671	23.417	ng		97
19) n-Nitroso-di-n-propylamine	8.86	70	101226	20.008	ng	#	86
20) 3+4-Methylphenols	8.82	107	148855	25.559	ng		96
22) Acetophenone	8.87	105	185972	22.806	ng	#	89
24) Nitrobenzene	9.26	77	147361	25.985	ng		96
25) Isophorone	9.78	82	282164	24.132	ng		99
26) 2-Nitrophenol	9.97	139	61487	31.456	ng	#	90
27) 2,4-Dimethylphenol	10.03	122	113969	27.738	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	152081	24.204	ng		95
29) 2,4-Dichlorophenol	10.50	162	131868	29.496	ng		92
30) 1,2,4-Trichlorobenzene	10.72	180	134383	25.068	ng		99
31) Naphthalene	10.91	128	333685	24.401	ng		98
32) Benzoic acid	10.17	122	43978	15.980	ng		89
33) 4-Chloroaniline	11.01	127	47260	7.959	ng	#	95
34) Hexachlorobutadiene	11.19	225	102085	24.486	ng		95
35) Caprolactam	11.79	113	43956m	26.604	ng		
36) 4-Chloro-3-methylphenol	12.13	107	155519	27.906	ng		95
37) 2-Methylnaphthalene	12.51	142	267892	25.838	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	187625	26.289	ng		98
40) Hexachlorocyclopentadiene	12.85	237	243241	54.348	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	121005	28.315	ng		94
43) 2,4,5-Trichlorophenol	13.19	196	130447	27.810	ng		97
45) 1,1'-Biphenyl	13.51	154	368021	23.886	ng		98
46) 2-Chloronaphthalene	13.56	162	289867	24.884	ng		98
47) 2-Nitroaniline	13.76	65	99100	28.809	ng		89
48) Acenaphthylene	14.40	152	485857	24.874	ng		97
49) Dimethylphthalate	14.13	163	408974	24.476	ng		99
50) 2,6-Dinitrotoluene	14.25	165	93098	30.541	ng	#	85
51) Acenaphthene	14.74	154	290321	22.748	ng		96
52) 3-Nitroaniline	14.58	138	46319	15.485	ng	#	89
53) 2,4-Dinitrophenol	14.78	184	37784	30.627	ng	#	64
54) Dibenzofuran	15.07	168	478137	25.015	ng		95
55) 4-Nitrophenol	14.89	139	121341	48.066	ng		87
56) 2,4-Dinitrotoluene	15.03	165	131531	32.482	ng		91
57) Fluorene	15.72	166	394287	24.683	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	131807	28.926	ng		94
59) Diethylphthalate	15.49	149	394958	23.168	ng		97
60) 4-Chlorophenyl-phenylether	15.71	204	228992	25.139	ng		97
61) 4-Nitroaniline	15.74	138	90775	28.298	ng	#	84
62) Azobenzene	16.01	77	402508	24.094	ng		94
64) 4,6-Dinitro-2-methylphenol	15.79	198	53154	22.708	ng		87
65) n-Nitrosodiphenylamine	15.92	169	355182	23.069	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	161091	26.092	ng		98
67) Hexachlorobenzene	16.73	284	161405	25.685	ng		94
68) Atrazine	16.87	200	163772	24.944	ng		97
69) Pentachlorophenol	17.07	266	160959	38.092	ng		98
70) Phenanthrene	17.46	178	640428	24.591	ng		99
71) Anthracene	17.55	178	651185	24.962	ng		99
72) Carbazole	17.82	167	588501	24.314	ng		99
73) Di-n-butylphthalate	18.37	149	679400	23.550	ng	#	98
74) Fluoranthene	19.47	202	853487	25.185	ng		96
76) Benzidine	19.64	184	267378	13.140	ng		97
77) Pyrene	19.82	202	843031	23.381	ng		99
79) Butylbenzylphthalate	20.71	149	308856	23.590	ng		98
80) Benzo(a)anthracene	21.66	228	867397	24.818	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	179277	13.634	ng	#	99
82) Chrysene	21.73	228	803998	25.125	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	424940	22.970	ng	#	98
84) Di-n-octyl phthalate	22.78	149	728531	22.954	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.58	276	912411	24.345	ng	#	84
87) Benzo(b)fluoranthene	23.88	252	854307	24.800	ng	#	96
88) Benzo(k)fluoranthene	23.95	252	799601	23.729	ng	#	97
89) Benzo(a)pyrene	24.75	252	812066	25.053	ng	#	95
90) Dibenzo(a,h)anthracene	28.64	278	721253	22.540	ng	#	96
91) Benzo(g,h,i)perylene	29.72	276	739722	23.622	ng	#	92

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

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