Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
Data File : BG035734.D
Acq On : 19 Jul 2018 2:03
Operator : JU/SJ
Sample : PB111232BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111232BS

Manual Integrations APPROVED
Sohil
7/19/2018 3:45:24 PM

Quant Time: Jul 19 03:53:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	41106	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	150919	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	107273	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	296244	20.00	ng		0.00
75) Chrysene-d12	21.67	240	331848	20.00	ng		0.00
86) Perylene-d12	24.88	264	323911	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	355462	143.57	ng		0.00
7) Phenol-d6	7.21	99	516393	139.79	ng		0.00
23) Nitrobenzene-d5	9.20	82	319432	88.42	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	215479	152.40	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	731500	91.36	ng		0.00
78) Terphenyl-d14	20.01	244	1368403	90.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	42670	33.861	ng	#	75
3) Pyridine	3.92	79	123309	37.483	ng	#	76
4) n-Nitrosodimethylamine	3.84	42	53570	37.924	ng	#	70
6) Aniline	7.37	93	103931	21.707	ng		99
8) 2-Chlorophenol	7.61	128	123412	49.009	ng		93
9) Benzaldehyde	7.18	77	66741	29.446	ng		98
10) Phenol	7.24	94	184613	49.467	ng		95
11) bis(2-Chloroethyl)ether	7.46	93	121168	41.457	ng		89
12) 1,3-Dichlorobenzene	7.93	146	132197	43.473	ng		96
13) 1,4-Dichlorobenzene	8.07	146	135095	43.725	ng		96
14) 1,2-Dichlorobenzene	8.39	146	128310	43.229	ng		99
15) Benzyl Alcohol	8.28	79	140352	41.839	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.57	45	136027	55.513	ng		75
17) 2-Methylphenol	8.48	107	116844	46.048	ng	#	83
18) Hexachloroethane	9.12	117	50478	42.729	ng		92
19) n-Nitroso-di-n-propylamine	8.84	70	112367	36.123	ng	#	86
20) 3+4-Methylphenols	8.81	107	161635	45.917	ng		93
22) Acetophenone	8.86	105	208941	44.520	ng	#	90
24) Nitrobenzene	9.24	77	168295	46.321	ng		94
25) Isophorone	9.76	82	317671	47.369	ng		100
26) 2-Nitrophenol	9.96	139	70288	54.472	ng	#	87
27) 2,4-Dimethylphenol	10.01	122	128550	58.854	ng		95
28) bis(2-Chloroethoxy)methane	10.24	93	170229	46.065	ng		98
29) 2,4-Dichlorophenol	10.49	162	140397	56.310	ng		98
30) 1,2,4-Trichlorobenzene	10.70	180	145266	47.514	ng		96
31) Naphthalene	10.89	128	363739	46.268	ng		97
32) Benzoic acid	10.14	122	24801	16.867	ng		87
33) 4-Chloroaniline	11.00	127	57520	16.787	ng		91
34) Hexachlorobutadiene	11.17	225	110121	46.190	ng		98
35) Caprolactam	11.77	113	48205m	45.053	ng		
36) 4-Chloro-3-methylphenol	12.13	107	170408	50.989	ng		98
37) 2-Methylnaphthalene	12.50	142	285693	48.779	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	191971	47.414	ng		99
40) Hexachlorocyclopentadiene	12.84	237	247402	116.513	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	128834	54.411	ng		97
43) 2,4,5-Trichlorophenol	13.18	196	141783	53.527	ng		93
45) 1,1'-Biphenyl	13.49	154	396492	47.674	ng		96
46) 2-Chloronaphthalene	13.54	162	311506	48.152	ng		98
47) 2-Nitroaniline	13.75	65	112741	49.295	ng		97
48) Acenaphthylene	14.39	152	513068	47.346	ng		98
49) Dimethylphthalate	14.12	163	436925	46.488	ng		99
50) 2,6-Dinitrotoluene	14.23	165	99857	52.174	ng		93
51) Acenaphthene	14.73	154	306099	45.345	ng		99
52) 3-Nitroaniline	14.57	138	45963	23.496	ng	#	96
53) 2,4-Dinitrophenol	14.80	184	1041	7.553	ng	#	64
54) Dibenzofuran	15.06	168	513217	47.804	ng		94
55) 4-Nitrophenol	14.89	139	137717	98.856	ng	#	84
56) 2,4-Dinitrotoluene	15.02	165	146879	53.492	ng		89
57) Fluorene	15.71	166	429856	47.772	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	133705	52.646	ng		94
59) Diethylphthalate	15.47	149	439877	45.516	ng		99
60) 4-Chlorophenyl-phenylether	15.70	204	245032	46.332	ng		97
61) 4-Nitroaniline	15.73	138	100409	49.070	ng	#	76
62) Azobenzene	15.99	77	442196	46.387	ng		95
64) 4,6-Dinitro-2-methylphenol	15.79	198	21395	12.974	ng		90
65) n-Nitrosodiphenylamine	15.91	169	380589	45.135	ng		97
66) 4-Bromophenyl-phenylether	16.59	248	164091	47.743	ng		95
67) Hexachlorobenzene	16.71	284	167874	47.430	ng		95
68) Atrazine	16.86	200	178237	51.339	ng		96
69) Pentachlorophenol	17.06	266	81871	37.977	ng		98
70) Phenanthrene	17.45	178	706676	47.806	ng		98
71) Anthracene	17.54	178	716987	48.712	ng		98
72) Carbazole	17.81	167	671521	48.040	ng		98
73) Di-n-butylphthalate	18.36	149	765252	46.327	ng	#	98
74) Fluoranthene	19.46	202	943680	47.394	ng		98
76) Benzidine	19.63	184	332485	38.110	ng		98
77) Pyrene	19.81	202	945372	45.054	ng		99
79) Butylbenzylphthalate	20.70	149	361630	48.194	ng		98
80) Benzo(a)anthracene	21.65	228	972078	47.006	ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	183198	25.407	ng	#	98
82) Chrysene	21.72	228	919119	47.962	ng		98
83) Bis(2-ethylhexyl)phthalate	21.55	149	499008	48.916	ng		98
84) Di-n-octyl phthalate	22.76	149	854855	50.048	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.54	276	1063225	50.113	ng	#	94
87) Benzo(b)fluoranthene	23.86	252	965854	49.060	ng	#	97
88) Benzo(k)fluoranthene	23.93	252	895199	46.511	ng	#	98
89) Benzo(a)pyrene	24.73	252	910167	49.694	ng	#	97
90) Dibenzo(a,h)anthracene	28.60	278	876402	48.740	ng	#	94
91) Benzo(g,h,i)perylene	29.68	276	885561	50.329	ng	#	93

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

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