Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035925.D
Acq On : 27 Jul 2018 1:43
Operator : JU/SJ
Sample : PB111478BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111478BS

Manual Integrations APPROVED
Sohil
7/27/2018 2:04:18 PM

Quant Time: Jul 27 07:58:43 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 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	39906	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	155252	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	111920	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	317699	20.00	ng		0.00
75) Chrysene-d12	21.66	240	345817	20.00	ng		0.00
86) Perylene-d12	24.85	264	333858	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	342847	142.64	ng		0.00
7) Phenol-d6	7.20	99	504308	140.62	ng		0.00
23) Nitrobenzene-d5	9.19	82	325081	87.47	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	231267	156.77	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	751471	89.96	ng		0.00
78) Terphenyl-d14	20.00	244	1439920	91.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	35067	28.664	ng	#	74
3) Pyridine	3.91	79	104089	32.592	ng	#	76
4) n-Nitrosodimethylamine	3.83	42	46505	33.913	ng	#	84
6) Aniline	7.35	93	126631	27.243	ng		99
8) 2-Chlorophenol	7.59	128	113374	46.377	ng		97
9) Benzaldehyde	7.16	77	76957	34.974	ng		93
10) Phenol	7.23	94	167248	46.161	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	109157	38.470	ng		91
12) 1,3-Dichlorobenzene	7.92	146	121761	41.245	ng		98
13) 1,4-Dichlorobenzene	8.06	146	122648	40.890	ng		98
14) 1,2-Dichlorobenzene	8.38	146	119874	41.601	ng		95
15) Benzyl Alcohol	8.27	79	130870	40.186	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	124820	52.471	ng		79
17) 2-Methylphenol	8.47	107	112489	45.665	ng		92
18) Hexachloroethane	9.10	117	46541	40.581	ng		91
19) n-Nitroso-di-n-propylamine	8.83	70	102621	33.982	ng	#	87
20) 3+4-Methylphenols	8.80	107	150455	44.027	ng		96
22) Acetophenone	8.85	105	188365	39.016	ng	#	90
24) Nitrobenzene	9.23	77	158753	42.475	ng	#	94
25) Isophorone	9.75	82	297693	43.151	ng		99
26) 2-Nitrophenol	9.94	139	65971	49.699	ng	#	91
27) 2,4-Dimethylphenol	10.00	122	117717	52.390	ng		92
28) bis(2-Chloroethoxy)methane	10.23	93	157878	41.531	ng		95
29) 2,4-Dichlorophenol	10.48	162	130266	50.788	ng		92
30) 1,2,4-Trichlorobenzene	10.69	180	137634	43.761	ng		96
31) Naphthalene	10.88	128	343628	42.490	ng		99
32) Benzoic acid	10.17	122	60885m	40.252	ng		
33) 4-Chloroaniline	10.99	127	30415	8.629	ng	#	90
34) Hexachlorobutadiene	11.16	225	103835	42.338	ng		97
35) Caprolactam	11.78	113	42716m	38.808	ng		
36) 4-Chloro-3-methylphenol	12.12	107	158743	46.173	ng		93
37) 2-Methylnaphthalene	12.48	142	274133	45.499	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	179988	42.608	ng		97
40) Hexachlorocyclopentadiene	12.83	237	230679	104.126	ng		93

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	120918	48.948	ng		93
43) 2,4,5-Trichlorophenol	13.17	196	129061	46.701	ng		97
45) 1,1'-Biphenyl	13.48	154	375785	43.308	ng		99
46) 2-Chloronaphthalene	13.53	162	299055	44.308	ng		98
47) 2-Nitroaniline	13.73	65	101251	42.433	ng		93
48) Acenaphthylene	14.37	152	502885	44.479	ng		97
49) Dimethylphthalate	14.11	163	417877	42.615	ng	#	99
50) 2,6-Dinitrotoluene	14.23	165	96681	48.417	ng		90
51) Acenaphthene	14.71	154	290276	41.215	ng		99
52) 3-Nitroaniline	14.56	138	46287	22.680	ng	#	97
53) 2,4-Dinitrophenol	14.77	184	98684	94.779	ng	#	64
54) Dibenzofuran	15.05	168	494510	44.149	ng		96
55) 4-Nitrophenol	14.88	139	137592	94.665	ng	#	85
56) 2,4-Dinitrotoluene	15.01	165	144095	50.300	ng	#	88
57) Fluorene	15.70	166	414406	44.142	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	135818	51.258	ng		94
59) Diethylphthalate	15.46	149	420281	41.682	ng		98
60) 4-Chlorophenyl-phenylether	15.69	204	237615	43.064	ng		98
61) 4-Nitroaniline	15.72	138	98314	46.051	ng		87
62) Azobenzene	15.98	77	426420	42.875	ng		94
64) 4,6-Dinitro-2-methylphenol	15.78	198	82501	46.650	ng		81
65) n-Nitrosodiphenylamine	15.91	169	369351	40.844	ng		97
66) 4-Bromophenyl-phenylether	16.58	248	162984	44.219	ng		97
67) Hexachlorobenzene	16.70	284	169813	44.738	ng		94
68) Atrazine	16.85	200	173450	46.586	ng		97
69) Pentachlorophenol	17.05	266	175262	75.807	ng		96
70) Phenanthrene	17.44	178	694145	43.787	ng		97
71) Anthracene	17.53	178	714689	45.277	ng		98
72) Carbazole	17.80	167	653484	43.593	ng		99
73) Di-n-butylphthalate	18.35	149	764311	43.145	ng	#	98
74) Fluoranthene	19.44	202	938942	43.972	ng		96
76) Benzidine	19.62	184	399936	43.990	ng		97
77) Pyrene	19.81	202	929620	42.514	ng		97
79) Butylbenzylphthalate	20.69	149	353857	45.253	ng		96
80) Benzo(a)anthracene	21.64	228	948719	44.023	ng		98
81) 3,3'-Dichlorobenzidine	21.56	252	191506	25.486	ng	#	98
82) Chrysene	21.70	228	886649	44.399	ng		98
83) Bis(2-ethylhexyl)phthalate	21.54	149	481504	45.294	ng		98
84) Di-n-octyl phthalate	22.74	149	837177	47.033	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.49	276	1022665	46.254	ng	#	88
87) Benzo(b)fluoranthene	23.84	252	914660	45.075	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	873251	44.019	ng	#	96
89) Benzo(a)pyrene	24.71	252	875818	46.394	ng	#	96
90) Dibenzo(a,h)anthracene	28.56	278	854492	46.106	ng	#	96
91) Benzo(g,h,i)perylene	29.64	276	847901	46.753	ng	#	95

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

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