Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035913.D
Acq On : 26 Jul 2018 17:53
Operator : JU/SJ
Sample : PB111441BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111441BS

Manual Integrations APPROVED
Sohil
7/27/2018 2:04:16 PM

Quant Time: Jul 27 01:50:31 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	33282	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	133933	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	103262	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	293454	20.00	ng		0.00
75) Chrysene-d12	21.66	240	316229	20.00	ng		0.00
86) Perylene-d12	24.85	264	303217	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	238943	119.19	ng		0.00
7) Phenol-d6	7.19	99	354546	118.54	ng		0.00
23) Nitrobenzene-d5	9.19	82	222916	69.53	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	171896	126.30	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	558937	72.52	ng		0.00
78) Terphenyl-d14	20.00	244	1095585	76.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	26220	25.698	ng	#	78
3) Pyridine	3.91	79	71437	26.820	ng	#	71
4) n-Nitrosodimethylamine	3.83	42	31474	27.520	ng	#	88
6) Aniline	7.35	93	73269	18.900	ng		94
8) 2-Chlorophenol	7.59	128	80301	39.386	ng		96
9) Benzaldehyde	7.17	77	56647	30.867	ng		98
10) Phenol	7.22	94	121853	40.326	ng		92
11) bis(2-Chloroethyl)ether	7.45	93	75621	31.956	ng		90
12) 1,3-Dichlorobenzene	7.91	146	86467	35.119	ng		96
13) 1,4-Dichlorobenzene	8.06	146	86953	34.759	ng		97
14) 1,2-Dichlorobenzene	8.38	146	85820	35.711	ng		93
15) Benzyl Alcohol	8.26	79	90714	33.399	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.55	45	88858	44.788	ng		81
17) 2-Methylphenol	8.47	107	79831	38.857	ng	#	92
18) Hexachloroethane	9.10	117	32483	33.961	ng		92
19) n-Nitroso-di-n-propylamine	8.82	70	76825	30.503	ng	#	83
20) 3+4-Methylphenols	8.80	107	107852	37.841	ng		87
22) Acetophenone	8.85	105	138766	33.318	ng	#	88
24) Nitrobenzene	9.23	77	112090	34.764	ng		93
25) Isophorone	9.74	82	217876	36.608	ng		100
26) 2-Nitrophenol	9.94	139	48015	41.930	ng	#	89
27) 2,4-Dimethylphenol	10.00	122	86454	44.601	ng		88
28) bis(2-Chloroethoxy)methane	10.23	93	116352	35.479	ng		96
29) 2,4-Dichlorophenol	10.48	162	95948	43.363	ng		90
30) 1,2,4-Trichlorobenzene	10.69	180	101515	37.415	ng		99
31) Naphthalene	10.88	128	252499	36.192	ng		97
32) Benzoic acid	10.16	122	34103	26.135	ng		96
33) 4-Chloroaniline	11.00	127	23896	7.859	ng	#	97
34) Hexachlorobutadiene	11.16	225	76506	36.160	ng		95
35) Caprolactam	11.77	113	34104m	35.916	ng		
36) 4-Chloro-3-methylphenol	12.11	107	120577	40.654	ng		92
37) 2-Methylnaphthalene	12.48	142	206033	39.639	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	141066	36.194	ng		99
40) Hexachlorocyclopentadiene	12.82	237	176922	86.557	ng		90

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	93500	41.022	ng		92
43) 2,4,5-Trichlorophenol	13.16	196	99563	39.048	ng		97
45) 1,1'-Biphenyl	13.48	154	281272	35.133	ng		97
46) 2-Chloronaphthalene	13.53	162	231533	37.180	ng		97
47) 2-Nitroaniline	13.73	65	78278	35.556	ng		90
48) Acenaphthylene	14.37	152	387606	37.158	ng		98
49) Dimethylphthalate	14.10	163	321590	35.546	ng		100
50) 2,6-Dinitrotoluene	14.23	165	74904	40.656	ng	#	89
51) Acenaphthene	14.71	154	228416	35.151	ng		98
52) 3-Nitroaniline	14.56	138	31112	16.522	ng	#	92
53) 2,4-Dinitrophenol	14.77	184	72843	77.142	ng	#	67
54) Dibenzofuran	15.05	168	381647	36.930	ng		96
55) 4-Nitrophenol	14.87	139	104275	77.758	ng		91
56) 2,4-Dinitrotoluene	15.01	165	111518	42.192	ng	#	82
57) Fluorene	15.70	166	321461	37.113	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	105150	43.011	ng	#	92
59) Diethylphthalate	15.46	149	329558	35.425	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	185716	36.480	ng		98
61) 4-Nitroaniline	15.72	138	71955	36.531	ng		87
62) Azobenzene	15.98	77	325276	35.447	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	61709	37.776	ng		83
65) n-Nitrosodiphenylamine	15.90	169	288542	34.544	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	126193	37.066	ng		96
67) Hexachlorobenzene	16.70	284	130498	37.221	ng		96
68) Atrazine	16.85	200	131822	38.330	ng		98
69) Pentachlorophenol	17.05	266	128486	60.166	ng		96
70) Phenanthrene	17.43	178	543288	37.103	ng		97
71) Anthracene	17.53	178	553921	37.991	ng		99
72) Carbazole	17.80	167	499042	36.041	ng		97
73) Di-n-butylphthalate	18.35	149	579221	35.398	ng		99
74) Fluoranthene	19.44	202	719478	36.478	ng		97
76) Benzidine	19.63	184	199370	23.981	ng		97
77) Pyrene	19.80	202	727925	36.404	ng		100
79) Butylbenzylphthalate	20.69	149	265431	37.121	ng		92
80) Benzo(a)anthracene	21.64	228	727647	36.924	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	149433	21.748	ng		93
82) Chrysene	21.70	228	686265	37.580	ng		98
83) Bis(2-ethylhexyl)phthalate	21.54	149	358902	36.920	ng		99
84) Di-n-octyl phthalate	22.74	149	618527	38.001	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.50	276	761576	37.668	ng	#	87
87) Benzo(b)fluoranthene	23.84	252	686122	37.230	ng	#	97
88) Benzo(k)fluoranthene	23.91	252	668146	37.083	ng	#	97
89) Benzo(a)pyrene	24.70	252	663194	38.681	ng	#	96
90) Dibenzo(a,h)anthracene	28.56	278	632703	37.589	ng		95
91) Benzo(g,h,i)perylene	29.64	276	639941	38.852	ng	#	94

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

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