Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
Data File : BG035931.D
Acq On : 27 Jul 2018 10:54
Operator : JU/SJ
Sample : PB111401BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111401BS

Manual Integrations APPROVED
Sohil
7/30/2018 2:05:22 PM

Quant Time: Jul 27 14:10:13 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	32233	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	127915	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	90545	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	268546	20.00	ng		0.00
75) Chrysene-d12	21.65	240	297117	20.00	ng		0.00
86) Perylene-d12	24.85	264	287361	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	251562	129.57	ng		0.00
7) Phenol-d6	7.20	99	369013	127.39	ng		0.00
23) Nitrobenzene-d5	9.19	82	240086	78.41	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	175508	147.06	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	571979	84.63	ng		0.00
78) Terphenyl-d14	20.00	244	1167741	86.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	26108	26.421	ng	#	81
3) Pyridine	3.91	79	73741	28.586	ng	#	73
4) n-Nitrosodimethylamine	3.82	42	32281	29.144	ng	#	80
6) Aniline	7.35	93	82516	21.978	ng		93
8) 2-Chlorophenol	7.59	128	82258	41.659	ng		99
9) Benzaldehyde	7.17	77	62113	34.947	ng		98
10) Phenol	7.22	94	121963	41.676	ng		95
11) bis(2-Chloroethyl)ether	7.44	93	79187	34.551	ng		88
12) 1,3-Dichlorobenzene	7.91	146	86879m	36.435	ng		
13) 1,4-Dichlorobenzene	8.06	146	91238	37.659	ng		98
14) 1,2-Dichlorobenzene	8.38	146	85484	36.728	ng		89
15) Benzyl Alcohol	8.27	79	90437	34.381	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.55	45	89665	46.666	ng		73
17) 2-Methylphenol	8.47	107	80511	40.464	ng		91
18) Hexachloroethane	9.11	117	33192	35.831	ng		86
19) n-Nitroso-di-n-propylamine	8.82	70	75783	31.068	ng	#	81
20) 3+4-Methylphenols	8.80	107	110959	40.198	ng		94
22) Acetophenone	8.85	105	137458	34.556	ng	#	92
24) Nitrobenzene	9.23	77	114507	37.184	ng	#	90
25) Isophorone	9.75	82	214205	37.685	ng		99
26) 2-Nitrophenol	9.94	139	48051	43.935	ng	#	94
27) 2,4-Dimethylphenol	10.00	122	84082	45.418	ng		92
28) bis(2-Chloroethoxy)methane	10.23	93	116256	37.117	ng		99
29) 2,4-Dichlorophenol	10.48	162	93634	44.308	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	102710	39.636	ng		97
31) Naphthalene	10.87	128	248752	37.332	ng		98
32) Benzoic acid	10.16	122	30684	24.621	ng		93
33) 4-Chloroaniline	11.00	127	30056	10.349	ng	#	89
34) Hexachlorobutadiene	11.16	225	78558	38.877	ng		99
35) Caprolactam	11.76	113	33314	36.735	ng	#	64
36) 4-Chloro-3-methylphenol	12.11	107	115470	40.764	ng		99
37) 2-Methylnaphthalene	12.48	142	201506	40.592	ng		91
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	136401	39.913	ng		99
40) Hexachlorocyclopentadiene	12.82	237	170360	95.052	ng		92

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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)
42) 2,4,6-Trichlorophenol	13.09	196	87943	44.003	ng		97
43) 2,4,5-Trichlorophenol	13.16	196	96925	43.352	ng		98
45) 1,1'-Biphenyl	13.48	154	277805	39.574	ng		96
46) 2-Chloronaphthalene	13.53	162	217110	39.761	ng		98
47) 2-Nitroaniline	13.73	65	75092	38.899	ng		97
48) Acenaphthylene	14.37	152	377233	41.242	ng		96
49) Dimethylphthalate	14.10	163	315012	39.709	ng	#	98
50) 2,6-Dinitrotoluene	14.22	165	74477	46.102	ng	#	85
51) Acenaphthene	14.71	154	216639	38.021	ng		99
52) 3-Nitroaniline	14.56	138	33867	20.511	ng	#	90
53) 2,4-Dinitrophenol	14.76	184	69191	83.018	ng	#	69
54) Dibenzofuran	15.04	168	375034	41.387	ng		94
55) 4-Nitrophenol	14.87	139	101353	86.194	ng	#	85
56) 2,4-Dinitrotoluene	15.01	165	110998	47.893	ng		88
57) Fluorene	15.70	166	313453	41.271	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.27	232	100166	46.727	ng	#	94
59) Diethylphthalate	15.46	149	318422	39.035	ng		98
60) 4-Chlorophenyl-phenylether	15.69	204	175208	39.249	ng		96
61) 4-Nitroaniline	15.72	138	74515	43.143	ng		86
62) Azobenzene	15.98	77	318111	39.535	ng		94
64) 4,6-Dinitro-2-methylphenol	15.77	198	63052	42.178	ng		84
65) n-Nitrosodiphenylamine	15.90	169	283799	37.128	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	125569	40.303	ng		97
67) Hexachlorobenzene	16.70	284	127168	39.635	ng		93
68) Atrazine	16.85	200	133824	42.522	ng		93
69) Pentachlorophenol	17.05	266	124553	63.734	ng		99
70) Phenanthrene	17.44	178	538349	40.175	ng		98
71) Anthracene	17.52	178	545258	40.866	ng		97
72) Carbazole	17.79	167	502363	39.646	ng		97
73) Di-n-butylphthalate	18.35	149	582061	38.871	ng		98
74) Fluoranthene	19.44	202	741688	41.092	ng		98
76) Benzidine	19.62	184	266741	34.148	ng		98
77) Pyrene	19.80	202	730233	38.869	ng		98
79) Butylbenzylphthalate	20.68	149	268069	39.901	ng	#	97
80) Benzo(a)anthracene	21.64	228	734961	39.694	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	153021	23.702	ng	#	92
82) Chrysene	21.70	228	686979	40.039	ng		96
83) Bis(2-ethylhexyl)phthalate	21.54	149	376849	41.260	ng		99
84) Di-n-octyl phthalate	22.73	149	641590	41.953	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.49	276	784877	41.318	ng	#	86
87) Benzo(b)fluoranthene	23.84	252	717208	41.064	ng	#	98
88) Benzo(k)fluoranthene	23.90	252	667302	39.080	ng	#	97
89) Benzo(a)pyrene	24.70	252	683961	42.093	ng	#	97
90) Dibenzo(a,h)anthracene	28.56	278	668950	41.935	ng	#	95
91) Benzo(g,h,i)perylene	29.63	276	651960	41.766	ng	#	93

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

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