Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
Data File : BG035636.D
Acq On : 13 Jul 2018 19:25
Operator : JU/SJ
Sample : J3943-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-1MS

Manual Integrations APPROVED
Sohil
7/16/2018 3:24:17 PM

Quant Time: Jul 14 00:49:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	49339	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	205874	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	150358	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	391163	20.00	ng		0.00
75) Chrysene-d12	21.69	240	395475	20.00	ng		0.00
86) Perylene-d12	24.91	264	387798	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	364022	122.49	ng		0.00
7) Phenol-d6	7.22	99	561599	126.66	ng		0.00
23) Nitrobenzene-d5	9.22	82	369937	75.07	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	240784	121.50	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	826372	73.63	ng		0.00
78) Terphenyl-d14	20.03	244	1370027	76.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	36298	23.998	ng	#	74
3) Pyridine	3.94	79	62052	15.715	ng	#	78
4) n-Nitrosodimethylamine	3.85	42	54615	32.212	ng	#	87
6) Aniline	7.39	93	179161	31.175	ng		99
8) 2-Chlorophenol	7.63	128	121574	40.223	ng		99
9) Benzaldehyde	7.20	77	88646	32.584	ng		90
10) Phenol	7.25	94	200740	44.812	ng		94
11) bis(2-Chloroethyl)ether	7.48	93	125069	35.651	ng		92
12) 1,3-Dichlorobenzene	7.95	146	129162	35.387	ng		94
13) 1,4-Dichlorobenzene	8.10	146	129947	35.040	ng		96
14) 1,2-Dichlorobenzene	8.41	146	125440	35.210	ng		91
15) Benzyl Alcohol	8.30	79	151753	37.689	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.58	45	151244	51.424	ng		76
17) 2-Methylphenol	8.50	107	129360	42.474	ng	#	92
18) Hexachloroethane	9.14	117	48877	34.470	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	124782	33.420	ng	#	87
20) 3+4-Methylphenols	8.82	107	174964	41.410	ng		92
22) Acetophenone	8.88	105	223945	34.980	ng	#	93
24) Nitrobenzene	9.26	77	183643	37.053	ng	#	93
25) Isophorone	9.78	82	357917	39.123	ng		97
26) 2-Nitrophenol	9.97	139	72450	41.160	ng	#	84
27) 2,4-Dimethylphenol	10.03	122	134102	45.007	ng		96
28) bis(2-Chloroethoxy)methane	10.26	93	183668	36.435	ng		98
29) 2,4-Dichlorophenol	10.51	162	147187	43.275	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	155569	37.301	ng		92
31) Naphthalene	10.91	128	397469	37.063	ng		97
32) Benzoic acid	10.16	122	42027	20.953	ng		97
33) 4-Chloroaniline	11.02	127	90914	19.451	ng	#	94
34) Hexachlorobutadiene	11.19	225	115009	35.363	ng		95
35) Caprolactam	11.79	113	49738m	34.077	ng		
36) 4-Chloro-3-methylphenol	12.14	107	184474	40.464	ng		91
37) 2-Methylnaphthalene	12.51	142	318599	39.876	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	212892	37.514	ng		98
40) Hexachlorocyclopentadiene	12.85	237	254863	85.633	ng		93

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	133790	40.313	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	146045	39.337	ng		99
45) 1,1'-Biphenyl	13.51	154	437802	37.556	ng		99
46) 2-Chloronaphthalene	13.56	162	340366	37.537	ng		99
47) 2-Nitroaniline	13.76	65	124315	38.780	ng		95
48) Acenaphthylene	14.40	152	568527	37.430	ng		96
49) Dimethylphthalate	14.13	163	641362	48.685	ng		98
50) 2,6-Dinitrotoluene	14.25	165	105956	39.497	ng		94
51) Acenaphthene	14.74	154	334980	35.404	ng		99
52) 3-Nitroaniline	14.58	138	76760	27.996	ng	#	89
53) 2,4-Dinitrophenol	14.79	184	104551	76.135	ng	#	68
54) Dibenzofuran	15.07	168	550929	36.612	ng		91
55) 4-Nitrophenol	14.89	139	155390	79.580	ng	#	85
56) 2,4-Dinitrotoluene	15.04	165	152668	39.668	ng		91
57) Fluorene	15.72	166	465014	36.870	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	149376	41.963	ng		94
59) Diethylphthalate	15.49	149	476582	35.183	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	268701	36.248	ng		95
61) 4-Nitroaniline	15.74	138	106990	37.304	ng	#	77
62) Azobenzene	16.01	77	500237	37.439	ng		95
64) 4,6-Dinitro-2-methylphenol	15.80	198	84783	38.937	ng		89
65) n-Nitrosodiphenylamine	15.93	169	408369	36.678	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	177082	39.021	ng		94
67) Hexachlorobenzene	16.73	284	175839	37.625	ng		98
68) Atrazine	16.87	200	179598	39.178	ng		96
69) Pentachlorophenol	17.07	266	192164	67.507	ng		97
70) Phenanthrene	17.47	178	725551	37.173	ng		97
71) Anthracene	17.55	178	745137	38.340	ng		98
72) Carbazole	17.82	167	677990	36.733	ng		99
73) Di-n-butylphthalate	18.38	149	764508	35.051	ng	#	98
74) Fluoranthene	19.47	202	926665	35.247	ng		97
76) Benzidine	19.65	184	275330	26.481	ng		99
77) Pyrene	19.83	202	917814	36.703	ng		97
79) Butylbenzylphthalate	20.71	149	342109	38.257	ng		98
80) Benzo(a)anthracene	21.67	228	913289	37.058	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	230634	26.839	ng		96
82) Chrysene	21.74	228	858455	37.589	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	462026	38.004	ng		98
84) Di-n-octyl phthalate	22.78	149	786244	38.625	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.57	276	992946	39.271	ng	#	88
87) Benzo(b)fluoranthene	23.89	252	885515	37.569	ng	#	97
88) Benzo(k)fluoranthene	23.96	252	835361	36.252	ng	#	97
89) Benzo(a)pyrene	24.76	252	849032	38.719	ng	#	97
90) Dibenzo(a,h)anthracene	28.64	278	818475	38.020	ng	#	94
91) Benzo(g,h,i)perylene	29.73	276	830172	39.409	ng	#	93

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

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