Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
Data File : BG035567.D
Acq On : 3 Jul 2018 1:31
Operator : JU/SJ
Sample : PB110762BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110762BS

Manual Integrations APPROVED
Sohil
7/3/2018 12:12:08 PM

Quant Time: Jul 03 05:39:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	41938	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	157643	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	111336	20.00	ng		-0.01
63) Phenanthrene-d10	17.43	188	285679	20.00	ng		-0.01
75) Chrysene-d12	21.69	240	300794	20.00	ng		-0.02
86) Perylene-d12	24.92	264	288800	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	383921	154.49	ng		0.00
7) Phenol-d6	7.24	99	555003	151.32	ng		0.01
23) Nitrobenzene-d5	9.23	82	349148	105.28	ng		-0.01
41) 2,4,6-Tribromophenol	16.18	330	245095	171.97	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	803927	93.87	ng		-0.02
78) Terphenyl-d14	20.03	244	1359056	94.64	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	41868	35.312	ng	#	76
3) Pyridine	3.95	79	120158	37.560	ng	#	69
4) n-Nitrosodimethylamine	3.86	42	48732	35.458	ng	#	68
6) Aniline	7.39	93	152165	32.095	ng		95
8) 2-Chlorophenol	7.64	128	121264	46.553	ng		96
9) Benzaldehyde	7.21	77	68284	24.170	ng		91
10) Phenol	7.26	94	183676	48.390	ng		93
11) bis(2-Chloroethyl)ether	7.49	93	121297	41.172	ng		88
12) 1,3-Dichlorobenzene	7.96	146	131590	42.339	ng		98
13) 1,4-Dichlorobenzene	8.10	146	137127	42.740	ng		96
14) 1,2-Dichlorobenzene	8.42	146	131974	43.792	ng		98
15) Benzyl Alcohol	8.30	79	147437	42.423	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.59	45	135121	46.081	ng		76
17) 2-Methylphenol	8.50	107	123596	49.389	ng	#	91
18) Hexachloroethane	9.14	117	51977	45.252	ng		93
19) n-Nitroso-di-n-propylamine	8.87	70	115375	37.026	ng	#	84
20) 3+4-Methylphenols	8.83	107	170141	47.433	ng		95
22) Acetophenone	8.89	105	212196	43.453	ng	#	92
24) Nitrobenzene	9.27	77	170754	50.281	ng		91
25) Isophorone	9.79	82	322633	46.078	ng		98
26) 2-Nitrophenol	9.98	139	68808	58.781	ng	#	86
27) 2,4-Dimethylphenol	10.04	122	130146	52.894	ng		93
28) bis(2-Chloroethoxy)methane	10.27	93	171100	45.472	ng		100
29) 2,4-Dichlorophenol	10.52	162	143434	53.575	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	153588	47.842	ng		98
31) Naphthalene	10.92	128	373045	45.552	ng		98
32) Benzoic acid	10.18	122	58087	35.246	ng		91
33) 4-Chloroaniline	11.02	127	73232	20.594	ng		96
34) Hexachlorobutadiene	11.20	225	116861	46.807	ng		96
35) Caprolactam	11.80	113	48200m	48.714	ng		
36) 4-Chloro-3-methylphenol	12.15	107	171987	51.534	ng		94
37) 2-Methylnaphthalene	12.52	142	301004	48.480	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	207774	50.102	ng		99
40) Hexachlorocyclopentadiene	12.86	237	279534	107.489	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	133982	53.956	ng		97
43) 2,4,5-Trichlorophenol	13.20	196	144829m	53.139	ng		
45) 1,1'-Biphenyl	13.52	154	412616	46.089	ng		97
46) 2-Chloronaphthalene	13.57	162	315650	46.634	ng		98
47) 2-Nitroaniline	13.77	65	108006	54.037	ng		96
48) Acenaphthylene	14.41	152	534689	47.111	ng		97
49) Dimethylphthalate	14.14	163	434067	44.708	ng		99
50) 2,6-Dinitrotoluene	14.26	165	96870	54.691	ng		91
51) Acenaphthene	14.75	154	312018	42.076	ng		99
52) 3-Nitroaniline	14.58	138	55187	31.753	ng	#	95
53) 2,4-Dinitrophenol	14.79	184	60391	84.248	ng	#	64
54) Dibenzofuran	15.08	168	517093	46.559	ng		94
55) 4-Nitrophenol	14.90	139	143103	97.559	ng	#	84
56) 2,4-Dinitrotoluene	15.04	165	140696	59.798	ng		89
57) Fluorene	15.73	166	426701	45.972	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.31	232	145804	55.068	ng		92
59) Diethylphthalate	15.50	149	428460	43.255	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	247708	46.801	ng		96
61) 4-Nitroaniline	15.75	138	96797	51.932	ng	#	84
62) Azobenzene	16.01	77	432068	44.512	ng		95
64) 4,6-Dinitro-2-methylphenol	15.81	198	63192	48.448	ng		86
65) n-Nitrosodiphenylamine	15.94	169	375300	43.745	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	171502	49.851	ng		99
67) Hexachlorobenzene	16.73	284	173448	49.534	ng		95
68) Atrazine	16.88	200	169899	46.438	ng		96
69) Pentachlorophenol	17.08	266	179890	76.400	ng		99
70) Phenanthrene	17.47	178	675297	46.534	ng		98
71) Anthracene	17.56	178	694782	47.796	ng		98
72) Carbazole	17.83	167	628754	46.618	ng		99
73) Di-n-butylphthalate	18.38	149	701403	43.631	ng	#	98
74) Fluoranthene	19.47	202	885034	46.867	ng		97
76) Benzidine	19.65	184	347397	31.044	ng		98
77) Pyrene	19.84	202	879006	44.328	ng		98
79) Butylbenzylphthalate	20.72	149	319880	44.425	ng	#	93
80) Benzo(a)anthracene	21.67	228	897070	46.670	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	192847	26.667	ng	#	99
82) Chrysene	21.74	228	828625	47.084	ng		98
83) Bis(2-ethylhexyl)phthalate	21.58	149	434886	42.743	ng		98
84) Di-n-octyl phthalate	22.79	149	736338	42.185	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.59	276	987689	47.919	ng	#	88
87) Benzo(b)fluoranthene	23.90	252	870729	48.959	ng	#	96
88) Benzo(k)fluoranthene	23.96	252	809546	46.532	ng	#	97
89) Benzo(a)pyrene	24.76	252	841145	50.262	ng	#	95
90) Dibenzo(a,h)anthracene	28.66	278	793909	48.056	ng	#	95
91) Benzo(g,h,i)perylene	29.75	276	813591	50.322	ng	#	92

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

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