Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
Data File : BG035190.D
Acq On : 16 Jun 2018 2:49
Operator : SJ/JU
Sample : PB110191BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB110191BS

Manual Integrations APPROVED
Sohil
6/18/2018 10:42:57 AM

Quant Time: Jun 16 04:11:43 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	39777	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	165566	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	127501	20.00	ng		-0.01
63) Phenanthrene-d10	17.43	188	352776	20.00	ng		-0.01
75) Chrysene-d12	21.70	240	371262	20.00	ng		-0.02
86) Perylene-d12	24.92	264	370689	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	348019	147.65	ng		0.00
7) Phenol-d6	7.22	99	532925	153.19	ng		0.00
23) Nitrobenzene-d5	9.23	82	339494	97.47	ng		-0.01
41) 2,4,6-Tribromophenol	16.17	330	264104	161.81	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	824832	84.10	ng		-0.02
78) Terphenyl-d14	20.03	244	1565374	88.32	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	31697	28.186	ng	#	77
3) Pyridine	3.94	79	100239	33.035	ng	#	73
4) n-Nitrosodimethylamine	3.86	42	44556	34.181	ng	#	74
6) Aniline	7.39	93	134718	29.959	ng		96
8) 2-Chlorophenol	7.63	128	117239	47.453	ng		92
9) Benzaldehyde	7.20	77	81460	30.400	ng		95
10) Phenol	7.25	94	177917	49.419	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	113092	40.472	ng		91
12) 1,3-Dichlorobenzene	7.95	146	121148	41.097	ng		96
13) 1,4-Dichlorobenzene	8.10	146	118422	38.916	ng		98
14) 1,2-Dichlorobenzene	8.42	146	116058	40.603	ng		98
15) Benzyl Alcohol	8.30	79	144050	43.700	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.59	45	127969	46.013	ng		74
17) 2-Methylphenol	8.50	107	120081	50.591	ng	#	91
18) Hexachloroethane	9.14	117	45206	41.495	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	110369	37.343	ng	#	85
20) 3+4-Methylphenols	8.82	107	168545	49.540	ng		94
22) Acetophenone	8.88	105	201260	39.242	ng	#	91
24) Nitrobenzene	9.27	77	165430	46.382	ng	#	95
25) Isophorone	9.78	82	324435	44.118	ng		99
26) 2-Nitrophenol	9.97	139	68819	55.977	ng	#	89
27) 2,4-Dimethylphenol	10.03	122	129209	50.000	ng		91
28) bis(2-Chloroethoxy)methane	10.27	93	171745	43.459	ng		99
29) 2,4-Dichlorophenol	10.51	162	148788	52.915	ng		92
30) 1,2,4-Trichlorobenzene	10.72	180	144616	42.892	ng		95
31) Naphthalene	10.92	128	365055	42.443	ng		98
32) Benzoic acid	10.15	122	82296	47.545	ng		94
33) 4-Chloroaniline	11.02	127	69728	18.671	ng		94
34) Hexachlorobutadiene	11.20	225	106548	40.634	ng		96
35) Caprolactam	11.79	113	55401m	53.313	ng		
36) 4-Chloro-3-methylphenol	12.13	107	184876	52.745	ng		96
37) 2-Methylnaphthalene	12.52	142	301253	46.198	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	199481	42.004	ng		98
40) Hexachlorocyclopentadiene	12.86	237	274976	92.331	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	141643	49.809	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	153622	49.219	ng		99
45) 1,1'-Biphenyl	13.52	154	420073	40.973	ng		99
46) 2-Chloronaphthalene	13.56	162	334463	43.149	ng		97
47) 2-Nitroaniline	13.76	65	122183	53.380	ng		89
48) Acenaphthylene	14.41	152	569508	43.817	ng		97
49) Dimethylphthalate	14.14	163	474326	42.661	ng		100
50) 2,6-Dinitrotoluene	14.26	165	109371	53.920	ng	#	89
51) Acenaphthene	14.75	154	348294	41.013	ng		99
52) 3-Nitroaniline	14.58	138	68810	34.571	ng	#	95
53) 2,4-Dinitrophenol	14.79	184	80552	98.127	ng	#	63
54) Dibenzofuran	15.08	168	555826	43.701	ng		95
55) 4-Nitrophenol	14.89	139	165024	98.240	ng	#	87
56) 2,4-Dinitrotoluene	15.04	165	162882	60.450	ng	#	85
57) Fluorene	15.73	166	466760	43.912	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.31	232	159596	52.635	ng		95
59) Diethylphthalate	15.50	149	486433	42.882	ng		97
60) 4-Chlorophenyl-phenylether	15.72	204	265458	43.796	ng		98
61) 4-Nitroaniline	15.75	138	111406	52.191	ng	#	79
62) Azobenzene	16.02	77	489567	44.041	ng		95
64) 4,6-Dinitro-2-methylphenol	15.81	198	79347	49.263	ng		82
65) n-Nitrosodiphenylamine	15.94	169	432555	40.829	ng		99
66) 4-Bromophenyl-phenylether	16.62	248	187945	44.240	ng		99
67) Hexachlorobenzene	16.73	284	191057	44.185	ng		95
68) Atrazine	16.88	200	195617	43.298	ng		98
69) Pentachlorophenol	17.08	266	215492	74.113	ng		97
70) Phenanthrene	17.47	178	780894	43.576	ng		97
71) Anthracene	17.56	178	804869	44.838	ng		98
72) Carbazole	17.83	167	721503	43.320	ng		98
73) Di-n-butylphthalate	18.39	149	825150	41.566	ng	#	98
74) Fluoranthene	19.47	202	1029120	44.132	ng		96
76) Benzidine	19.65	184	354614	25.674	ng		98
77) Pyrene	19.84	202	1018869	41.629	ng		97
79) Butylbenzylphthalate	20.72	149	379142	42.661	ng	#	96
80) Benzo(a)anthracene	21.67	228	1037443	43.728	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	225312	25.243	ng	#	96
82) Chrysene	21.75	228	972701	44.780	ng		99
83) Bis(2-ethylhexyl)phthalate	21.58	149	520587	41.455	ng		99
84) Di-n-octyl phthalate	22.80	149	894363	41.513	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.61	276	1067184	41.948	ng	#	88
87) Benzo(b)fluoranthene	23.90	252	992831	43.492	ng	#	97
88) Benzo(k)fluoranthene	23.97	252	972680	43.558	ng	#	98
89) Benzo(a)pyrene	24.77	252	964825	44.916	ng	#	95
90) Dibenzo(a,h)anthracene	28.67	278	846281	39.910	ng	#	96
91) Benzo(g,h,i)perylene	29.76	276	870244	41.935	ng	#	94

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

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