Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
Data File : BG036877.D
Acq On : 22 Sep 2018 3:11
Operator : JU/SJ
Sample : J4778-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

Manual Integrations APPROVED
Sohil
9/24/2018 9:29:49 AM

Quant Time: Sep 22 05:17:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 20:07:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	42158	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	177643	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	128253	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	336490	20.00	ng		0.00
75) Chrysene-d12	21.69	240	337513	20.00	ng		0.00
86) Perylene-d12	24.89	264	350934	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	299833	136.40	ng		0.00
7) Phenol-d6	7.21	99	403904	118.76	ng		0.00
23) Nitrobenzene-d5	9.21	82	290870	87.68	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	221408	144.29	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	691556	80.31	ng		0.00
78) Terphenyl-d14	20.02	244	1287115	100.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	41742	41.498	ng	#	87
3) Pyridine	3.94	79	90664	31.216	ng		98
4) n-Nitrosodimethylamine	3.84	42	61868	47.927	ng	#	93
6) Aniline	7.37	93	86910	19.693	ng		94
8) 2-Chlorophenol	7.61	128	125451	49.149	ng		97
9) Benzaldehyde	7.19	77	39146	17.418	ng		99
10) Phenol	7.24	94	156951	44.714	ng		96
11) bis(2-Chloroethyl)ether	7.47	93	128062	39.441	ng		98
12) 1,3-Dichlorobenzene	7.94	146	128200	40.968	ng		99
13) 1,4-Dichlorobenzene	8.08	146	133741	41.763	ng		96
14) 1,2-Dichlorobenzene	8.40	146	127419	41.059	ng		97
15) Benzyl Alcohol	8.28	79	125702	45.549	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	250987	40.264	ng		97
17) 2-Methylphenol	8.49	107	116104	47.486	ng		98
18) Hexachloroethane	9.13	117	49011	41.589	ng		92
19) n-Nitroso-di-n-propylamine	8.85	70	120471	42.579	ng		91
20) 3+4-Methylphenols	8.81	107	162022	47.633	ng		97
22) Acetophenone	8.87	105	212179	50.827	ng	#	98
24) Nitrobenzene	9.25	77	168036	47.434	ng		97
25) Isophorone	9.77	82	339241	55.968	ng		98
26) 2-Nitrophenol	9.96	139	74403	52.692	ng		99
27) 2,4-Dimethylphenol	10.02	122	137644	62.579	ng		97
28) bis(2-Chloroethoxy)methane	10.25	93	191962	51.324	ng		97
29) 2,4-Dichlorophenol	10.50	162	147126	57.702	ng		94
30) 1,2,4-Trichlorobenzene	10.72	180	143797	45.065	ng		97
31) Naphthalene	10.90	128	426893	50.506	ng		99
32) Benzoic acid	10.16	122	47405	30.539	ng		93
33) 4-Chloroaniline	11.03	127	10596	2.757	ng		96
34) Hexachlorobutadiene	11.19	225	96556	43.757	ng		99
35) Caprolactam	11.79	113	46526m	44.334	ng		
36) 4-Chloro-3-methylphenol	12.13	107	170874	56.165	ng		99
37) 2-Methylnaphthalene	12.50	142	342125	53.146	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	193571	43.273	ng		99
40) Hexachlorocyclopentadiene	12.85	237	240666	104.610	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	131135	52.792	ng		97
43) 2,4,5-Trichlorophenol	13.18	196	147211	55.578	ng		98
45) 1,1'-Biphenyl	13.51	154	452049	46.022	ng		99
46) 2-Chloronaphthalene	13.55	162	346104	44.806	ng		99
47) 2-Nitroaniline	13.75	65	132561	49.616	ng		98
48) Acenaphthylene	14.40	152	604681	49.956	ng		98
49) Dimethylphthalate	14.12	163	507406	49.151	ng		99
50) 2,6-Dinitrotoluene	14.25	165	111763	49.619	ng		94
51) Acenaphthene	14.74	154	350150	47.864	ng		99
52) 3-Nitroaniline	14.58	138	29843	12.574	ng		93
53) 2,4-Dinitrophenol	14.79	184	105101	97.695	ng		99
54) Dibenzofuran	15.07	168	581307	46.978	ng		99
55) 4-Nitrophenol	14.89	139	151359	99.823	ng		100
56) 2,4-Dinitrotoluene	15.04	165	157988	50.267	ng		91
57) Fluorene	15.72	166	474075	51.258	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	148310	55.196	ng		96
59) Diethylphthalate	15.49	149	503532	48.359	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	268873	45.905	ng		99
61) 4-Nitroaniline	15.75	138	110377	44.211	ng		97
62) Azobenzene	16.00	77	487599	48.737	ng		99
64) 4,6-Dinitro-2-methylphenol	15.80	198	84341	47.942	ng		99
65) n-Nitrosodiphenylamine	15.93	169	435085	46.836	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	179530	46.907	ng		96
67) Hexachlorobenzene	16.73	284	182407	46.273	ng		95
68) Atrazine	16.87	200	173586	46.149	ng		98
69) Pentachlorophenol	17.07	266	212569	85.649	ng		96
70) Phenanthrene	17.46	178	816825	50.374	ng		99
71) Anthracene	17.56	178	823151	51.338	ng		99
72) Carbazole	17.83	167	739427	47.299	ng		99
73) Di-n-butylphthalate	18.37	149	847249	48.802	ng		99
74) Fluoranthene	19.47	202	993976	50.924	ng		100
76) Benzidine	19.67	184	100821	9.882	ng		97
77) Pyrene	19.83	202	978694	48.322	ng		99
79) Butylbenzylphthalate	20.71	149	394115	48.819	ng		96
80) Benzo(a)anthracene	21.67	228	984898	49.989	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	175578	23.412	ng		99
82) Chrysene	21.74	228	919140	48.284	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	535907	47.519	ng		99
84) Di-n-octyl phthalate	22.78	149	918057	49.442	ng		97
85) Indeno(1,2,3-cd)pyrene	28.56	276	1114907	54.540	ng	#	94
87) Benzo(b)fluoranthene	23.88	252	960960	51.382	ng		98
88) Benzo(k)fluoranthene	23.95	252	945711	50.403	ng		99
89) Benzo(a)pyrene	24.75	252	940113	51.995	ng		100
90) Dibenzo(a,h)anthracene	28.62	278	904206	53.360	ng		98
91) Benzo(g,h,i)perylene	29.70	276	924648	54.370	ng		97

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

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