Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
Data File : BG038626.D
Acq On : 16 Dec 2018 5:30
Operator : JU/SJ
Sample : J6371-03MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EB07-11-12MSD

Manual Integrations APPROVED
Sohil
12/17/2018 4:18:34 PM

Quant Time: Dec 17 16:07:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24991	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	100390	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	64720	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	157433	20.00	ng		0.00
76) Chrysene-d12	21.72	240	156251	20.00	ng		0.00
87) Perylene-d12	25.02	264	172213	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	246722	175.10	ng		0.00
7) Phenol-d6	7.22	99	333350	172.34	ng		0.01
23) Nitrobenzene-d5	9.24	82	215945	109.89	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	156105	175.01	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	495396	105.01	ng		0.00
79) Terphenyl-d14	20.04	244	853520	118.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	25947	39.567	ng		90
3) Pyridine	3.89	79	76332	42.278	ng		88
4) n-Nitrosodimethylamine	3.82	42	55643	62.898	ng	#	87
6) Aniline	7.39	93	68016	27.545	ng		98
8) 2-Chlorophenol	7.62	128	93612	57.411	ng		100
9) Benzaldehyde	7.20	77	35557	28.337	ng		97
10) Phenol	7.24	94	137718	67.016	ng		93
11) bis(2-Chloroethyl)ether	7.48	93	83117	50.801	ng		97
12) 1,3-Dichlorobenzene	7.95	146	95225	49.392	ng		95
13) 1,4-Dichlorobenzene	8.09	146	97269	49.262	ng		99
14) 1,2-Dichlorobenzene	8.41	146	93713	50.343	ng		98
15) Benzyl Alcohol	8.30	79	88111	58.359	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	192847	51.455	ng		98
17) 2-Methylphenol	8.50	107	81785	59.401	ng		98
18) Hexachloroethane	9.14	117	36413	50.467	ng		92
19) n-Nitroso-di-n-propylamine	8.87	70	70974	52.243	ng		99
20) 3+4-Methylphenols	8.83	107	113942	59.923	ng		99
22) Acetophenone	8.89	105	134362	53.583	ng	#	99
24) Nitrobenzene	9.28	77	110491	55.581	ng		97
25) Isophorone	9.79	82	200085	56.671	ng		99
26) 2-Nitrophenol	9.99	139	54108	53.179	ng		96
27) 2,4-Dimethylphenol	10.03	122	91062	62.449	ng		97
28) bis(2-Chloroethoxy)methane	10.28	93	114643	57.538	ng		98
29) 2,4-Dichlorophenol	10.52	162	97854	60.321	ng		97
30) 1,2,4-Trichlorobenzene	10.74	180	106406	54.303	ng		99
31) Naphthalene	10.93	128	285724	57.765	ng		99
32) Benzoic acid	10.18	122	6796m	15.948	ng		
33) 4-Chloroaniline	11.05	127	22127	10.304	ng		98
34) Hexachlorobutadiene	11.19	225	71148	53.661	ng		94
35) Caprolactam	11.84	113	34381m	51.212	ng		
36) 4-Chloro-3-methylphenol	12.16	107	104265	56.323	ng		94
37) 2-Methylnaphthalene	12.53	142	211409	59.910	ng		98
38) 1-Methylnaphthalene	12.75	142	202697	59.195	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	124103	51.299	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	163158	122.758	ng		92
43) 2,4,6-Trichlorophenol	13.13	196	86794	58.350	ng		100
44) 2,4,5-Trichlorophenol	13.21	196	93598	59.431	ng		97
46) 1,1'-Biphenyl	13.53	154	276701	50.999	ng		99
47) 2-Chloronaphthalene	13.58	162	222262	53.033	ng		97
48) 2-Nitroaniline	13.79	65	76430	57.254	ng		96
49) Acenaphthylene	14.43	152	362808	57.907	ng		99
50) Dimethylphthalate	14.15	163	339244	64.187	ng		100
51) 2,6-Dinitrotoluene	14.28	165	68102	56.859	ng		98
52) Acenaphthene	14.76	154	207707	55.441	ng		98
53) 3-Nitroaniline	14.62	138	26900	22.032	ng		99
54) 2,4-Dinitrophenol	14.82	184	50279	71.164	ng		96
55) Dibenzofuran	15.10	168	343360	53.466	ng		98
56) 4-Nitrophenol	14.92	139	107240	115.780	ng		91
57) 2,4-Dinitrotoluene	15.07	165	94598	56.076	ng		100
58) Fluorene	15.74	166	279819	58.811	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	82340	58.112	ng		99
60) Diethylphthalate	15.50	149	308565	53.182	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	159078	53.586	ng		97
62) 4-Nitroaniline	15.78	138	67808	53.945	ng		96
63) Azobenzene	16.02	77	265523	54.781	ng		96
65) 4,6-Dinitro-2-methylphenol	15.83	198	59740	53.194	ng		94
66) n-Nitrosodiphenylamine	15.95	169	257627	55.694	ng		97
67) 4-Bromophenyl-phenylether	16.62	248	103249	53.700	ng		96
68) Hexachlorobenzene	16.74	284	108708	54.542	ng		99
69) Atrazine	16.89	200	105088	61.216	ng		97
70) Pentachlorophenol	17.09	266	126258	107.099	ng		98
71) Phenanthrene	17.49	178	479129	58.689	ng		98
72) Anthracene	17.58	178	488289	60.585	ng		99
73) Carbazole	17.85	167	434453	54.506	ng		100
74) Di-n-butylphthalate	18.38	149	517532	56.586	ng		99
75) Fluoranthene	19.49	202	586318	58.045	ng		98
77) Benzidine	19.68	184	172567	37.344	ng		99
78) Pyrene	19.86	202	583914	56.568	ng		100
80) Butylbenzylphthalate	20.73	149	234791	58.220	ng		99
81) Benzo(a)anthracene	21.70	228	581144	61.037	ng		98
82) 3,3'-Dichlorobenzidine	21.62	252	129568	34.312	ng		98
83) Chrysene	21.77	228	540221	58.907	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	332468	58.127	ng		99
85) Di-n-octyl phthalate	22.80	149	574325	59.957	ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	677872	62.873	ng	#	97
88) Benzo(b)fluoranthene	23.97	252	573779	60.684	ng		99
89) Benzo(k)fluoranthene	24.04	252	575007	61.071	ng		98
90) Benzo(a)pyrene	24.87	252	563643	61.791	ng		98
91) Dibenzo(a,h)anthracene	28.88	278	558205	61.460	ng		98
92) Benzo(g,h,i)perylene	30.01	276	558646	62.414	ng		95

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

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