Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
Data File : BG037816.D
Acq On : 5 Nov 2018 23:38
Operator : JU/SJ
Sample : J5771-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-01-110218-AMS

Manual Integrations APPROVED
Sohil
11/6/2018 1:21:48 PM

Quant Time: Nov 06 05:41:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	63586	20.00	ng		-0.01
21) Naphthalene-d8	10.92	136	278257	20.00	ng		-0.01
39) Acenaphthene-d10	14.73	164	181708	20.00	ng		-0.01
64) Phenanthrene-d10	17.48	188	412844	20.00	ng		0.00
76) Chrysene-d12	21.76	240	373622	20.00	ng		-0.01
87) Perylene-d12	25.09	264	387829	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	409977	107.79	ng		0.00
7) Phenol-d6	7.24	99	525134	91.31	ng		0.00
23) Nitrobenzene-d5	9.28	82	400049	80.54	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	247196	124.73	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	953696	79.14	ng		-0.01
79) Terphenyl-d14	20.08	244	1426593	81.59	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	56578	29.334	ng	#	85
3) Pyridine	3.94	79	168045	34.568	ng		91
4) n-Nitrosodimethylamine	3.85	42	77783	44.921	ng	#	98
6) Aniline	7.42	93	109878	15.661	ng		96
8) 2-Chlorophenol	7.66	128	201908	45.379	ng		99
9) Benzaldehyde	7.24	77	113438	31.532	ng		94
10) Phenol	7.27	94	223051	36.758	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	202029	43.837	ng		96
12) 1,3-Dichlorobenzene	7.99	146	207910	41.974	ng		98
13) 1,4-Dichlorobenzene	8.13	146	212973	42.033	ng		99
14) 1,2-Dichlorobenzene	8.45	146	201784	41.401	ng		98
15) Benzyl Alcohol	8.34	79	185097	43.558	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.62	45	360295	43.692	ng		97
17) 2-Methylphenol	8.53	107	183952	45.854	ng		97
18) Hexachloroethane	9.18	117	76153	44.087	ng		95
19) n-Nitroso-di-n-propylamine	8.90	70	164454	41.526	ng		95
20) 3+4-Methylphenols	8.86	107	255241	44.501	ng		97
22) Acetophenone	8.93	105	321357	46.049	ng	#	96
24) Nitrobenzene	9.32	77	246986	47.864	ng		96
25) Isophorone	9.83	82	480129	52.902	ng		97
26) 2-Nitrophenol	10.03	139	121891	52.435	ng		95
27) 2,4-Dimethylphenol	10.07	122	223026	53.734	ng		95
28) bis(2-Chloroethoxy)methane	10.31	93	291756	49.065	ng		97
29) 2,4-Dichlorophenol	10.56	162	232416	50.293	ng		97
30) 1,2,4-Trichlorobenzene	10.77	180	227074	45.185	ng		99
31) Naphthalene	10.97	128	673231	49.259	ng		100
32) Benzoic acid	10.19	122	83251m	30.881	ng		
33) 4-Chloroaniline	11.08	127	23150	3.605	ng		97
34) Hexachlorobutadiene	11.23	225	134618	45.197	ng		98
35) Caprolactam	11.87	113	58960m	31.812	ng		
36) 4-Chloro-3-methylphenol	12.19	107	252718	48.490	ng		99
37) 2-Methylnaphthalene	12.56	142	517180	51.911	ng		99
38) 1-Methylnaphthalene	12.79	142	498484	51.521	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	275189	46.952	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	306976	109.647	ng		98
43) 2,4,6-Trichlorophenol	13.16	196	201777	51.530	ng		98
44) 2,4,5-Trichlorophenol	13.24	196	215111	50.457	ng		93
46) 1,1'-Biphenyl	13.57	154	683387	45.412	ng		97
47) 2-Chloronaphthalene	13.61	162	540141	47.444	ng		98
48) 2-Nitroaniline	13.83	65	177770	51.491	ng		92
49) Acenaphthylene	14.46	152	889376	51.931	ng		98
50) Dimethylphthalate	14.18	163	701166	49.879	ng		100
51) 2,6-Dinitrotoluene	14.31	165	160420	51.586	ng		97
52) Acenaphthene	14.79	154	530532	50.300	ng		99
53) 3-Nitroaniline	14.64	138	60893	17.639	ng	#	90
54) 2,4-Dinitrophenol	14.84	184	58903	54.446	ng		94
55) Dibenzofuran	15.13	168	840589	48.102	ng		99
56) 4-Nitrophenol	14.94	139	242781	95.009	ng		98
57) 2,4-Dinitrotoluene	15.09	165	223968	54.866	ng		97
58) Fluorene	15.78	166	682867	52.182	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	183700	50.326	ng		99
60) Diethylphthalate	15.54	149	713540	49.442	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	363360	47.638	ng		98
62) 4-Nitroaniline	15.81	138	166792	48.622	ng		91
63) Azobenzene	16.06	77	672816	48.862	ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	73280	36.338	ng		97
66) n-Nitrosodiphenylamine	15.98	169	622477	50.125	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	232619	51.309	ng		98
68) Hexachlorobenzene	16.77	284	233588	49.712	ng		98
69) Atrazine	16.92	200	235683	52.492	ng		99
70) Pentachlorophenol	17.12	266	188588	59.919	ng		94
71) Phenanthrene	17.52	178	1100253	52.438	ng		99
72) Anthracene	17.61	178	1118083	54.300	ng		97
73) Carbazole	17.89	167	1016914	49.372	ng		99
74) Di-n-butylphthalate	18.42	149	1196157	52.206	ng		100
75) Fluoranthene	19.52	202	1274555	53.558	ng		98
77) Benzidine	19.71	184	133607	10.517	ng		100
78) Pyrene	19.89	202	1272716	52.109	ng		99
80) Butylbenzylphthalate	20.76	149	545428	54.565	ng		97
81) Benzo(a)anthracene	21.74	228	1206013	54.572	ng		97
82) 3,3'-Dichlorobenzidine	21.66	252	154487	18.035	ng		96
83) Chrysene	21.81	228	1140308	53.661	ng		98
84) Bis(2-ethylhexyl)phthalate	21.61	149	778254	55.545	ng		98
85) Di-n-octyl phthalate	22.86	149	1304579	57.099	ng		98
86) Indeno(1,2,3-cd)pyrene	28.92	276	1064716	46.714	ng		100
88) Benzo(b)fluoranthene	24.03	252	1162592	54.679	ng		99
89) Benzo(k)fluoranthene	24.10	252	1189181	57.086	ng		97
90) Benzo(a)pyrene	24.94	252	1133176	56.087	ng		99
91) Dibenzo(a,h)anthracene	28.97	278	886996	47.594	ng		97
92) Benzo(g,h,i)perylene	30.11	276	897143	47.582	ng		99

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

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