Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
Data File : BG036975.D
Acq On : 26 Sep 2018 8:32
Operator : JU/SJ
Sample : J5064-04MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPMS

Manual Integrations APPROVED
Sohil
9/26/2018 3:45:28 PM

Quant Time: Sep 26 13:58:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	57759	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	233214	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	142568	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	330591	20.00	ng		0.00
75) Chrysene-d12	21.69	240	327854	20.00	ng		0.00
86) Perylene-d12	24.89	264	347715	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	387045	128.51	ng		0.00
7) Phenol-d6	7.21	99	476671	102.30	ng		0.00
23) Nitrobenzene-d5	9.21	82	385750	88.58	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	217348	127.42	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	789352	82.46	ng		0.00
78) Terphenyl-d14	20.02	244	1167522	93.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	56678	41.127	ng		96
3) Pyridine	3.95	79	123850	31.124	ng		97
4) n-Nitrosodimethylamine	3.85	42	90401	51.115	ng	#	98
6) Aniline	7.37	93	174595	28.877	ng		98
8) 2-Chlorophenol	7.61	128	168239	48.109	ng		94
9) Benzaldehyde	7.19	77	110397	35.854	ng		94
10) Phenol	7.24	94	197351	41.037	ng		95
11) bis(2-Chloroethyl)ether	7.47	93	181194	40.732	ng		98
12) 1,3-Dichlorobenzene	7.93	146	186463	43.492	ng		98
13) 1,4-Dichlorobenzene	8.08	146	186450	42.496	ng		99
14) 1,2-Dichlorobenzene	8.40	146	180108	42.361	ng		98
15) Benzyl Alcohol	8.28	79	165142	43.678	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	373215	43.700	ng		98
17) 2-Methylphenol	8.48	107	147128	43.921	ng		96
18) Hexachloroethane	9.12	117	73530	45.541	ng		96
19) n-Nitroso-di-n-propylamine	8.85	70	152295	39.288	ng		98
20) 3+4-Methylphenols	8.81	107	200273	42.975	ng		97
22) Acetophenone	8.87	105	272747	49.767	ng		94
24) Nitrobenzene	9.25	77	230455	49.553	ng		99
25) Isophorone	9.77	82	425337	53.451	ng		100
26) 2-Nitrophenol	9.96	139	98094	52.917	ng		98
27) 2,4-Dimethylphenol	10.02	122	162649	56.327	ng		93
28) bis(2-Chloroethoxy)methane	10.25	93	239393	48.754	ng		99
29) 2,4-Dichlorophenol	10.49	162	178018	53.181	ng		94
30) 1,2,4-Trichlorobenzene	10.71	180	193628	46.222	ng		100
31) Naphthalene	10.90	128	603210	54.360	ng		99
32) Benzoic acid	10.18	122	79135	37.252	ng		95
33) 4-Chloroaniline	11.01	127	109151	21.634	ng		97
34) Hexachlorobutadiene	11.18	225	132877	45.868	ng		99
35) Caprolactam	11.80	113	44798m	32.516	ng		
36) 4-Chloro-3-methylphenol	12.12	107	201009	50.327	ng		99
37) 2-Methylnaphthalene	12.50	142	418830	49.558	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	235080	47.276	ng		98
40) Hexachlorocyclopentadiene	12.84	237	294190	115.036	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	150981	54.678	ng		96
43) 2,4,5-Trichlorophenol	13.18	196	170722	57.983	ng		99
45) 1,1'-Biphenyl	13.50	154	533864	48.894	ng		98
46) 2-Chloronaphthalene	13.55	162	400358	46.626	ng		100
47) 2-Nitroaniline	13.75	65	149712	50.409	ng		99
48) Acenaphthylene	14.40	152	677739	50.370	ng		99
49) Dimethylphthalate	14.12	163	538895	46.959	ng		99
50) 2,6-Dinitrotoluene	14.24	165	119228	47.619	ng		94
51) Acenaphthene	14.74	154	390974	48.078	ng		99
52) 3-Nitroaniline	14.58	138	86056	32.617	ng		99
53) 2,4-Dinitrophenol	14.78	184	128454	106.652	ng		92
54) Dibenzofuran	15.07	168	645383	46.919	ng		100
55) 4-Nitrophenol	14.89	139	164026	97.315	ng		95
56) 2,4-Dinitrotoluene	15.04	165	168633	48.267	ng		91
57) Fluorene	15.72	166	512275	49.827	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	159639	53.447	ng		98
59) Diethylphthalate	15.49	149	529027	45.706	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	286879	44.061	ng		98
61) 4-Nitroaniline	15.74	138	103954	37.458	ng		94
62) Azobenzene	16.00	77	544622	48.971	ng		97
64) 4,6-Dinitro-2-methylphenol	15.79	198	93701	54.213	ng		92
65) n-Nitrosodiphenylamine	15.92	169	456422	50.010	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	182879	48.634	ng		97
67) Hexachlorobenzene	16.72	284	182300	47.072	ng		98
68) Atrazine	16.87	200	185600	50.224	ng		99
69) Pentachlorophenol	17.07	266	226018	92.693	ng		99
70) Phenanthrene	17.46	178	812170	50.980	ng		99
71) Anthracene	17.55	178	824075	52.313	ng		99
72) Carbazole	17.82	167	703876	45.828	ng		99
73) Di-n-butylphthalate	18.37	149	837555	49.104	ng		99
74) Fluoranthene	19.47	202	927223	48.352	ng		100
77) Pyrene	19.82	202	925589	47.046	ng		99
79) Butylbenzylphthalate	20.71	149	389697	49.694	ng		99
80) Benzo(a)anthracene	21.66	228	958605	50.088	ng		100
81) 3,3'-Dichlorobenzidine	21.58	252	198474	27.245	ng		100
82) Chrysene	21.73	228	902897	48.828	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	542979	49.565	ng		100
84) Di-n-octyl phthalate	22.77	149	924504	51.256	ng		99
85) Indeno(1,2,3-cd)pyrene	28.54	276	1113560	56.079	ng	#	89
87) Benzo(b)fluoranthene	23.87	252	969101	52.297	ng		98
88) Benzo(k)fluoranthene	23.94	252	910079	48.952	ng		98
89) Benzo(a)pyrene	24.74	252	926650	51.725	ng		99
90) Dibenzo(a,h)anthracene	28.60	278	904392	53.865	ng		97
91) Benzo(g,h,i)perylene	29.69	276	921935	54.712	ng		97

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

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