Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107718.D
Acq On : 26 Jul 2018 23:37
Operator : JU/SJ
Sample : J4120-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Manual Integrations APPROVED
Sohil
7/27/2018 2:54:15 PM

Quant Time: Jul 27 05:44:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	206444	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	823090	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	371295	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	650934	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	419601	20.00	ng		-0.02
86) Perylene-d12	15.68	264	507708	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1697141	132.18	ng		0.00
7) Phenol-d6	6.61	99	1991845	129.19	ng		0.00
23) Nitrobenzene-d5	7.54	82	1320791	108.30	ng		-0.01
41) 2,4,6-Tribromophenol	10.81	330	628075	148.76	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	2434622	129.22	ng		-0.02
78) Terphenyl-d14	13.08	244	1787222	109.04	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	182551	30.545	ng	#	84
3) Pyridine	3.65	79	470160	28.918	ng		87
4) n-Nitrosodimethylamine	3.62	42	212403	30.975	ng		97
6) Aniline	6.64	93	555856	27.953	ng	#	76
8) 2-Chlorophenol	6.76	128	624236	45.378	ng		98
9) Benzaldehyde	6.52	77	400986	44.412	ng		98
10) Phenol	6.62	94	720544	39.739	ng		90
11) bis(2-Chloroethyl)ether	6.70	93	523654	34.834	ng		93
12) 1,3-Dichlorobenzene	6.91	146	652764	41.853	ng		99
13) 1,4-Dichlorobenzene	6.98	146	716375	44.813	ng		99
14) 1,2-Dichlorobenzene	7.13	146	617821	43.066	ng		99
15) Benzyl Alcohol	7.11	79	474577	45.165	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	959521	37.835	ng		67
17) 2-Methylphenol	7.22	107	516439	44.170	ng	#	90
18) Hexachloroethane	7.47	117	241529	43.077	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	420994	42.268	ng		97
20) 3+4-Methylphenols	7.38	107	602677	43.409	ng	#	62
22) Acetophenone	7.38	105	898748	46.494	ng	#	89
24) Nitrobenzene	7.55	77	639487	45.779	ng		99
25) Isophorone	7.78	82	1258125	48.313	ng		98
26) 2-Nitrophenol	7.87	139	363696	61.653	ng		97
27) 2,4-Dimethylphenol	7.90	122	559648	50.120	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	768077	44.135	ng		99
29) 2,4-Dichlorophenol	8.11	162	561746	49.220	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	580000	45.246	ng		99
31) Naphthalene	8.27	128	1805441	49.881	ng		98
32) Benzoic acid	8.02	122	171733	26.304	ng		96
33) 4-Chloroaniline	8.32	127	246583	15.587	ng		97
34) Hexachlorobutadiene	8.37	225	335322	44.023	ng		99
35) Caprolactam	8.70	113	157494m	42.426	ng		
36) 4-Chloro-3-methylphenol	8.81	107	610069	48.121	ng		99
37) 2-Methylnaphthalene	8.96	142	1265480	50.455	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	601104	48.538	ng		98
40) Hexachlorocyclopentadiene	9.10	237	335905	53.357	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	390842	49.305	ng		100
43) 2,4,5-Trichlorophenol	9.29	196	423884	51.164	ng		95
45) 1,1'-Biphenyl	9.42	154	1534266	47.436	ng		98
46) 2-Chloronaphthalene	9.45	162	1149143	46.481	ng		99
47) 2-Nitroaniline	9.55	65	392187	54.413	ng		88
48) Acenaphthylene	9.87	152	1843545	49.639	ng		98
49) Dimethylphthalate	9.72	163	1445425	51.653	ng		98
50) 2,6-Dinitrotoluene	9.80	165	294644	53.034	ng		95
51) Acenaphthene	10.04	154	1025392	44.066	ng		100
52) 3-Nitroaniline	9.97	138	157499	23.302	ng		98
53) 2,4-Dinitrophenol	10.08	184	154330	65.234	ng	#	28
54) Dibenzofuran	10.21	168	1566051	45.714	ng		97
55) 4-Nitrophenol	10.15	139	325441	64.311	ng		92
56) 2,4-Dinitrotoluene	10.20	165	347651	51.839	ng	#	93
57) Fluorene	10.56	166	1240401	50.753	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	350641	50.854	ng	#	86
59) Diethylphthalate	10.42	149	1373203	46.987	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	620942	44.942	ng		95
61) 4-Nitroaniline	10.60	138	238374	41.977	ng		95
62) Azobenzene	10.71	77	1225452	44.717	ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	139381	45.014	ng		87
65) n-Nitrosodiphenylamine	10.67	169	1108346	50.135	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	383479	50.046	ng	#	87
67) Hexachlorobenzene	11.10	284	399783	47.417	ng	#	90
68) Atrazine	11.19	200	325946	48.290	ng		96
69) Pentachlorophenol	11.30	266	367169	69.721	ng		99
70) Phenanthrene	11.52	178	1517333	47.835	ng		99
71) Anthracene	11.58	178	1639919	51.348	ng		99
72) Carbazole	11.74	167	1409825	42.450	ng		99
73) Di-n-butylphthalate	12.04	149	1824806	58.357	ng		98
74) Fluoranthene	12.71	202	1394705	40.975	ng		98
76) Benzidine	12.84	184	572872	47.408	ng		98
77) Pyrene	12.95	202	1337050	46.585	ng		99
79) Butylbenzylphthalate	13.55	149	604737	48.994	ng		92
80) Benzo(a)anthracene	14.14	228	1218811	49.567	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	358387	51.132	ng	#	98
82) Chrysene	14.18	228	1197118	50.681	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	777258	44.629	ng		99
84) Di-n-octyl phthalate	14.72	149	1426266	52.686	ng		97
85) Indeno(1,2,3-cd)pyrene	17.26	276	1201559	60.020	ng	#	93
87) Benzo(b)fluoranthene	15.22	252	1233434	44.390	ng		97
88) Benzo(k)fluoranthene	15.25	252	1348378	49.531	ng	#	98
89) Benzo(a)pyrene	15.62	252	1265271	49.780	ng		97
90) Dibenzo(a,h)anthracene	17.27	278	1028060	46.791	ng		96
91) Benzo(g,h,i)perylene	17.74	276	922568	42.569	ng	#	92

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

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