Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
Data File : BF109972.D
Acq On : 18 Oct 2018 21:25
Operator : JU/SJ
Sample : J5571-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1MS

Manual Integrations APPROVED
Sohil
10/19/2018 12:14:58 PM

Quant Time: Oct 19 04:57:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	180737	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	655053	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	275107	20.00	ng		0.00
64) Phenanthrene-d10	11.52	188	429869	20.00	ng		0.00
76) Chrysene-d12	14.16	240	338117	20.00	ng		0.00
87) Perylene-d12	15.69	264	390512	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	596224	52.29	ng		0.00
7) Phenol-d6	6.59	99	470656	33.24	ng		-0.01
23) Nitrobenzene-d5	7.54	82	957803	98.50	ng		-0.01
42) 2,4,6-Tribromophenol	10.82	330	301549	126.61	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	1597140	92.64	ng		0.00
79) Terphenyl-d14	13.10	244	1158684	71.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	63344	9.781	ng		88
3) Pyridine	3.65	79	102047	7.068	ng		88
4) n-Nitrosodimethylamine	3.58	42	81053	13.762	ng	#	94
6) Aniline	6.64	93	118637	6.218	ng	#	52
8) 2-Chlorophenol	6.76	128	390084	30.542	ng		96
9) Benzaldehyde	6.53	77	178643	19.416	ng		94
10) Phenol	6.60	94	210368	13.762	ng	#	61
11) bis(2-Chloroethyl)ether	6.70	93	451267	35.307	ng		92
12) 1,3-Dichlorobenzene	6.92	146	522411	37.302	ng		99
13) 1,4-Dichlorobenzene	6.99	146	517721	36.706	ng		97
14) 1,2-Dichlorobenzene	7.15	146	482328	37.136	ng		98
15) Benzyl Alcohol	7.11	79	231660	21.268	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.25	45	747280	35.621	ng		68
17) 2-Methylphenol	7.22	107	251469	24.417	ng	#	84
18) Hexachloroethane	7.49	117	281000	56.376	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	322089	35.431	ng		94
20) 3+4-Methylphenols	7.37	107	281972	21.575	ng		96
22) Acetophenone	7.38	105	638782	42.049	ng		97
24) Nitrobenzene	7.56	77	491697	46.546	ng		95
25) Isophorone	7.79	82	852561	44.621	ng		97
26) 2-Nitrophenol	7.87	139	237947	54.327	ng		92
27) 2,4-Dimethylphenol	7.90	122	369949	40.198	ng		96
28) bis(2-Chloroethoxy)methane	8.00	93	544574	41.530	ng		99
29) 2,4-Dichlorophenol	8.11	162	349157	39.109	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	414419	41.457	ng		96
31) Naphthalene	8.29	128	1509292	50.246	ng		100
32) Benzoic acid	8.01	122	97378	16.982	ng		96
33) 4-Chloroaniline	8.33	127	48487	3.591	ng		97
34) Hexachlorobutadiene	8.39	225	230931	41.894	ng		99
35) Caprolactam	8.72	113	6073	1.915	ng	#	1
36) 4-Chloro-3-methylphenol	8.80	107	312402	33.169	ng		95
37) 2-Methylnaphthalene	8.97	142	1072684	55.149	ng		99
38) 1-Methylnaphthalene	9.07	142	1161450m	61.623	ng		
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	366841	43.292	ng	#	96

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Quant Time: Oct 19 04:57:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	458825	112.186	ng		98
43) 2,4,6-Trichlorophenol	9.25	196	230665	43.534	ng		95
44) 2,4,5-Trichlorophenol	9.29	196	233723	42.502	ng		95
46) 1,1'-Biphenyl	9.44	154	1037415	42.325	ng		100
47) 2-Chloronaphthalene	9.47	162	770377	42.669	ng		100
48) 2-Nitroaniline	9.56	65	214378	46.268	ng		90
49) Acenaphthylene	9.89	152	1159242	44.198	ng		97
50) Dimethylphthalate	9.74	163	832907	42.757	ng		100
51) 2,6-Dinitrotoluene	9.80	165	180651	48.825	ng		96
52) Acenaphthene	10.06	154	848250	50.798	ng		99
53) 3-Nitroaniline	9.97	138	34909	7.756	ng	#	73
54) 2,4-Dinitrophenol	10.07	184	149192	121.390	ng		93
55) Dibenzofuran	10.23	168	1054534	44.281	ng		98
56) 4-Nitrophenol	10.13	139	103597	30.166	ng		97
57) 2,4-Dinitrotoluene	10.20	165	241957	51.409	ng	#	87
58) Fluorene	10.57	166	846702	48.841	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.35	232	187391	42.997	ng	#	90
60) Diethylphthalate	10.43	149	755263	39.255	ng		99
61) 4-Chlorophenyl-phenylether	10.56	204	372898	41.294	ng		97
62) 4-Nitroaniline	10.59	138	113935	26.743	ng		92
63) Azobenzene	10.72	77	759440	37.783	ng		94
65) 4,6-Dinitro-2-methylphenol	10.61	198	96940	59.902	ng		79
66) n-Nitrosodiphenylamine	10.68	169	640910	44.765	ng		95
67) 4-Bromophenyl-phenylether	11.05	248	208604	44.778	ng	#	88
68) Hexachlorobenzene	11.12	284	223674	45.024	ng		96
69) Atrazine	11.23	200	117832	26.348	ng		96
70) Pentachlorophenol	11.32	266	220359	77.942	ng		95
71) Phenanthrene	11.54	178	1013008	45.519	ng		99
72) Anthracene	11.59	178	1015828	45.402	ng		99
73) Carbazole	11.75	167	868479	39.496	ng		99
74) Di-n-butylphthalate	12.07	149	1025993	41.809	ng		99
75) Fluoranthene	12.73	202	918241	41.303	ng		99
77) Benzidine	12.82	184	1117	0.086	ng	#	1
78) Pyrene	12.96	202	925688	37.276	ng		99
80) Butylbenzylphthalate	13.57	149	422096	42.042	ng		99
81) Benzo(a)anthracene	14.15	228	899604	45.170	ng		99
82) 3,3'-Dichlorobenzidine	14.13	252	1406	0.201	ng	#	38
83) Chrysene	14.19	228	841618	44.396	ng		98
84) Bis(2-ethylhexyl)phthalate	14.12	149	597238	45.208	ng		96
85) Di-n-octyl phthalate	14.74	149	1083734	58.186	ng		99
86) Indeno(1,2,3-cd)pyrene	17.26	276	1212485	79.438	ng	#	95
88) Benzo(b)fluoranthene	15.23	252	968183m	43.004	ng		
89) Benzo(k)fluoranthene	15.26	252	900493	40.579	ng		98
90) Benzo(a)pyrene	15.62	252	947281	45.748	ng		98
91) Dibenzo(a,h)anthracene	17.27	278	1002162	54.612	ng		98
92) Benzo(g,h,i)perylene	17.74	276	1033493	55.742	ng		96

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

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