Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108091.D
Acq On : 10 Aug 2018 18:33
Operator : JU/SJ
Sample : J4272-01MS 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Manual Integrations APPROVED
Sohil
8/13/2018 3:52:07 PM

Quant Time: Aug 11 01:02:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	270084	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	949370	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	413576	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	711557	20.00	ng		0.00
75) Chrysene-d12	14.22	240	644448	20.00	ng		0.00
86) Perylene-d12	15.79	264	457340	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	831284	55.72	ng		0.00
7) Phenol-d6	6.63	99	1083680	54.66	ng		0.00
23) Nitrobenzene-d5	7.58	82	682187	40.10	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	219438	53.19	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1137412	44.15	ng		0.00
78) Terphenyl-d14	13.15	244	1065578	42.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	92283	12.039	ng	#	83
3) Pyridine	3.68	79	276380	13.997	ng	#	84
4) n-Nitrosodimethylamine	3.63	42	169455	15.251	ng		81
6) Aniline	6.68	93	345423	12.810	ng		98
8) 2-Chlorophenol	6.80	128	300762	17.901	ng		97
9) Benzaldehyde	6.57	77	209419	13.625	ng		98
10) Phenol	6.64	94	390000	19.019	ng		93
11) bis(2-Chloroethyl)ether	6.75	93	296292	17.873	ng		96
12) 1,3-Dichlorobenzene	6.96	146	327306	16.848	ng		99
13) 1,4-Dichlorobenzene	7.04	146	332713	17.046	ng		97
14) 1,2-Dichlorobenzene	7.19	146	314635	17.330	ng		98
15) Benzyl Alcohol	7.15	79	283378	16.980	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	577309	16.904	ng		97
17) 2-Methylphenol	7.25	107	248432	17.242	ng		96
18) Hexachloroethane	7.53	117	98011	14.104	ng		92
19) n-Nitroso-di-n-propylamine	7.41	70	233570	17.423	ng	#	86
20) 3+4-Methylphenols	7.40	107	322708	17.478	ng		94
22) Acetophenone	7.42	105	443413	19.975	ng	#	92
24) Nitrobenzene	7.60	77	322047	18.719	ng		96
25) Isophorone	7.83	82	592088	18.258	ng		98
26) 2-Nitrophenol	7.91	139	118482	18.236	ng		90
27) 2,4-Dimethylphenol	7.94	122	265267	18.431	ng		98
28) bis(2-Chloroethoxy)methane	8.04	93	365450	19.305	ng		99
29) 2,4-Dichlorophenol	8.15	162	244446	18.456	ng		98
30) 1,2,4-Trichlorobenzene	8.24	180	266095	18.222	ng		95
31) Naphthalene	8.32	128	858299	19.879	ng		100
32) Benzoic acid	8.02	122	2571m	6.244	ng		
33) 4-Chloroaniline	8.37	127	267228	14.202	ng		99
34) Hexachlorobutadiene	8.44	225	171153	18.514	ng		99
35) Caprolactam	8.71	113	74810	18.024	ng	#	68
36) 4-Chloro-3-methylphenol	8.84	107	236304	16.538	ng		98
37) 2-Methylnaphthalene	9.01	142	554683	18.158	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	269770	21.241	ng		97
40) Hexachlorocyclopentadiene	9.17	237	20660	2.518	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	157205	19.947	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	168693	19.444	ng		96
45) 1,1'-Biphenyl	9.48	154	658252	21.587	ng		99
46) 2-Chloronaphthalene	9.51	162	486690	20.194	ng		98
47) 2-Nitroaniline	9.60	65	155884	19.990	ng		94
48) Acenaphthylene	9.93	152	760414	19.958	ng		100
49) Dimethylphthalate	9.77	163	665111	23.087	ng	#	99
50) 2,6-Dinitrotoluene	9.84	165	114450	18.988	ng	#	85
51) Acenaphthene	10.10	154	468416	20.072	ng		98
52) 3-Nitroaniline	10.01	138	114529	17.367	ng		90
53) 2,4-Dinitrophenol	10.11	184	1935	7.803	ng	#	1
54) Dibenzofuran	10.27	168	673595	19.923	ng		98
55) 4-Nitrophenol	10.15	139	147625	29.561	ng	#	80
56) 2,4-Dinitrotoluene	10.24	165	135577	17.475	ng	#	94
57) Fluorene	10.62	166	533228	19.923	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	124939	17.229	ng	#	89
59) Diethylphthalate	10.48	149	555693	19.920	ng		96
60) 4-Chlorophenyl-phenylether	10.61	204	255482	18.319	ng		91
61) 4-Nitroaniline	10.62	138	112664	17.280	ng		97
62) Azobenzene	10.77	77	511416	17.751	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	4663	6.909	ng	#	51
65) n-Nitrosodiphenylamine	10.72	169	456097	21.691	ng		95
66) 4-Bromophenyl-phenylether	11.10	248	155622	20.125	ng	#	84
67) Hexachlorobenzene	11.17	284	148421	18.242	ng		90
68) Atrazine	11.24	200	154356	21.886	ng		97
69) Pentachlorophenol	11.36	266	125363	32.192	ng		97
70) Phenanthrene	11.59	178	1124201	33.497	ng		99
71) Anthracene	11.64	178	822201	23.902	ng		100
72) Carbazole	11.79	167	623125	20.389	ng		100
73) Di-n-butylphthalate	12.11	149	786816	22.729	ng		99
74) Fluoranthene	12.78	202	1224595	33.433	ng		96
76) Benzidine	12.91	184	415962	17.275	ng		98
77) Pyrene	13.02	202	1221933	29.949	ng		99
79) Butylbenzylphthalate	13.62	149	314099	19.387	ng	#	96
80) Benzo(a)anthracene	14.21	228	928859	25.115	ng		99
81) 3,3'-Dichlorobenzidine	14.17	252	201402	15.195	ng	#	98
82) Chrysene	14.25	228	821828	24.237	ng		99
83) Bis(2-ethylhexyl)phthalate	14.18	149	466480	21.262	ng		99
84) Di-n-octyl phthalate	14.81	149	794591	23.748	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.42	276	461707	15.715	ng	#	91
87) Benzo(b)fluoranthene	15.32	252	694623	25.418	ng		96
88) Benzo(k)fluoranthene	15.35	252	605333	24.097	ng		97
89) Benzo(a)pyrene	15.72	252	584526	23.886	ng		97
90) Dibenzo(a,h)anthracene	17.44	278	354053	17.486	ng	#	95
91) Benzo(g,h,i)perylene	17.91	276	384804	19.300	ng	#	89

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

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