Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110465.D
Acq On : 5 Nov 2018 15:22
Operator : JU/SJ
Sample : J5815-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HL-R25951-RTMSD

Manual Integrations APPROVED
Sohil
11/6/2018 9:00:56 AM

Quant Time: Nov 06 10:19:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	89455	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	376133	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	183546	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	326587	20.00	ng		0.00
76) Chrysene-d12	14.14	240	176898	20.00	ng		0.00
87) Perylene-d12	15.66	264	160335	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	810479	147.54	ng		0.02
7) Phenol-d6	6.59	99	1066400	151.77	ng		0.01
23) Nitrobenzene-d5	7.52	82	684924	108.01	ng		0.00
42) 2,4,6-Tribromophenol	10.80	330	266313	146.48	ng		0.00
45) 2-Fluorobiphenyl	9.32	172	1241174	106.18	ng		0.00
79) Terphenyl-d14	13.07	244	1035563	121.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	77501	26.928	ng		90
3) Pyridine	3.66	79	222832	34.761	ng	#	86
4) n-Nitrosodimethylamine	3.60	42	118609	44.164	ng		91
6) Aniline	6.62	93	162235	17.725	ng	#	55
8) 2-Chlorophenol	6.75	128	269292	42.520	ng		99
9) Benzaldehyde	6.51	77	169987	42.381	ng		94
10) Phenol	6.60	94	398518	53.061	ng	#	64
11) bis(2-Chloroethyl)ether	6.69	93	244868	39.628	ng		95
12) 1,3-Dichlorobenzene	6.90	146	271032	38.887	ng		97
13) 1,4-Dichlorobenzene	6.97	146	274625	38.960	ng		99
14) 1,2-Dichlorobenzene	7.13	146	261386	39.945	ng		99
15) Benzyl Alcohol	7.10	79	237976	44.037	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	395910	40.073	ng		71
17) 2-Methylphenol	7.20	107	222940	44.170	ng	#	83
18) Hexachloroethane	7.46	117	101848	39.465	ng		95
19) n-Nitroso-di-n-propylamine	7.36	70	187138	41.515	ng		96
20) 3+4-Methylphenols	7.36	107	288411	44.206	ng	#	83
22) Acetophenone	7.36	105	377985	43.612	ng	#	94
24) Nitrobenzene	7.54	77	280762	42.883	ng		96
25) Isophorone	7.77	82	517919	47.912	ng		96
26) 2-Nitrophenol	7.86	139	144331	46.326	ng		92
27) 2,4-Dimethylphenol	7.89	122	251880	48.763	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	327670	44.621	ng		99
29) 2,4-Dichlorophenol	8.09	162	232994	44.647	ng		97
30) 1,2,4-Trichlorobenzene	8.18	180	241759	41.359	ng		95
31) Naphthalene	8.26	128	788011	45.456	ng		99
33) 4-Chloroaniline	8.31	127	69093	8.856	ng		98
34) Hexachlorobutadiene	8.37	225	133188	41.036	ng		97
35) Caprolactam	8.69	113	75331m	41.416	ng		
36) 4-Chloro-3-methylphenol	8.79	107	256113	45.385	ng		96
37) 2-Methylnaphthalene	8.95	142	554235	48.321	ng		98
38) 1-Methylnaphthalene	9.05	142	514650	46.432	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	234064	40.928	ng		98
41) Hexachlorocyclopentadiene	9.10	237	191785	65.584	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.23	196	158084	42.857 ng		95
44) 2,4,5-Trichlorophenol	9.27	196	170302	43.678 ng		95
46) 1,1'-Biphenyl	9.42	154	671758	40.472 ng		99
47) 2-Chloronaphthalene	9.45	162	501392	41.182 ng		97
48) 2-Nitroaniline	9.55	65	162651	44.085 ng		93
49) Acenaphthylene	9.86	152	789496	44.896 ng		98
50) Dimethylphthalate	9.72	163	789343	58.259 ng		100
51) 2,6-Dinitrotoluene	9.79	165	130151	44.595 ng		92
52) Acenaphthene	10.03	154	475220	40.850 ng		98
53) 3-Nitroaniline	9.96	138	75491	21.751 ng		92
54) 2,4-Dinitrophenol	10.07	184	12533	15.295 ng		91
55) Dibenzofuran	10.20	168	685930	42.113 ng		99
56) 4-Nitrophenol	10.13	139	257889	100.398 ng		93
57) 2,4-Dinitrotoluene	10.19	165	172093	46.424 ng		94
58) Fluorene	10.55	166	552158	45.550 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	130726m	41.134 ng		
60) Diethylphthalate	10.41	149	578156	43.714 ng		99
61) 4-Chlorophenyl-phenylether	10.53	204	264493	41.361 ng		97
62) 4-Nitroaniline	10.57	138	134637	39.004 ng		96
63) Azobenzene	10.70	77	555797	42.336 ng		97
65) 4,6-Dinitro-2-methylphenol	10.60	198	45207	30.298 ng		90
66) n-Nitrosodiphenylamine	10.66	169	482368	45.030 ng		97
67) 4-Bromophenyl-phenylether	11.03	248	154499	43.613 ng		94
68) Hexachlorobenzene	11.10	284	158564	42.186 ng	#	90
69) Atrazine	11.18	200	155347	45.890 ng		98
70) Pentachlorophenol	11.30	266	119362	54.460 ng		96
71) Phenanthrene	11.52	178	775274	45.368 ng		100
72) Anthracene	11.57	178	802502	46.852 ng		99
73) Carbazole	11.72	167	682757	40.825 ng		100
74) Di-n-butylphthalate	12.03	149	837252	44.327 ng		100
75) Fluoranthene	12.71	202	717713	41.384 ng		98
77) Benzidine	12.83	184	208339	39.837 ng		96
78) Pyrene	12.94	202	695151	54.814 ng		98
80) Butylbenzylphthalate	13.53	149	287700	52.266 ng		98
81) Benzo(a)anthracene	14.13	228	486931	46.417 ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	84031	23.004 ng	#	97
83) Chrysene	14.16	228	452001	45.364 ng		99
84) Bis(2-ethylhexyl)phthalate	14.09	149	369531	49.661 ng		96
85) Di-n-octyl phthalate	14.70	149	544519	47.062 ng		99
86) Indeno(1,2,3-cd)pyrene	17.23	276	488199	59.061 ng		98
88) Benzo(b)fluoranthene	15.21	252	426343	46.048 ng		99
89) Benzo(k)fluoranthene	15.24	252	398344	43.763 ng		99
90) Benzo(a)pyrene	15.60	252	404672	47.499 ng		99
91) Dibenzo(a,h)anthracene	17.24	278	405795	55.202 ng		100
92) Benzo(g,h,i)perylene	17.72	276	407800	56.296 ng		100

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

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