Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108061.D
Acq On : 9 Aug 2018 19:11
Operator : JU/SJ
Sample : J4382-06MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MSD

Manual Integrations APPROVED
Sohil
8/10/2018 12:13:23 PM

Quant Time: Aug 10 01:50:05 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	272309	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	970084	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	410897	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	672539	20.00	ng		0.00
75) Chrysene-d12	14.22	240	646130	20.00	ng		0.00
86) Perylene-d12	15.78	264	483973	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	1352842	89.94	ng		0.01
7) Phenol-d6	6.63	99	1828157	91.47	ng		0.00
23) Nitrobenzene-d5	7.58	82	1142146	65.70	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	347898	84.88	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1824514	71.29	ng		0.00
78) Terphenyl-d14	13.15	244	1681733	66.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	185229	23.967	ng		88
3) Pyridine	3.71	79	513399	25.788	ng	#	84
4) n-Nitrosodimethylamine	3.67	42	314103	28.039	ng	#	84
6) Aniline	6.68	93	652060	23.984	ng		96
8) 2-Chlorophenol	6.80	128	515553	30.434	ng		95
9) Benzaldehyde	6.57	77	403501	26.038	ng		97
10) Phenol	6.65	94	630892	30.515	ng		96
11) bis(2-Chloroethyl)ether	6.75	93	493954	29.552	ng		92
12) 1,3-Dichlorobenzene	6.96	146	563071	28.747	ng		99
13) 1,4-Dichlorobenzene	7.04	146	564631	28.691	ng		98
14) 1,2-Dichlorobenzene	7.19	146	538383	29.411	ng		98
15) Benzyl Alcohol	7.15	79	491209	29.193	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	973131	28.261	ng		96
17) 2-Methylphenol	7.25	107	427337	29.416	ng		96
18) Hexachloroethane	7.53	117	170595	24.349	ng		94
19) n-Nitroso-di-n-propylamine	7.42	70	390476	28.890	ng	#	88
20) 3+4-Methylphenols	7.41	107	563353	30.261	ng		92
22) Acetophenone	7.42	105	745129	32.850	ng	#	91
24) Nitrobenzene	7.60	77	562451	31.995	ng		94
25) Isophorone	7.83	82	1010190	30.486	ng		97
26) 2-Nitrophenol	7.91	139	207645	31.277	ng		94
27) 2,4-Dimethylphenol	7.94	122	451580	30.706	ng		98
28) bis(2-Chloroethoxy)methane	8.04	93	621518	32.130	ng		99
29) 2,4-Dichlorophenol	8.15	162	425074	31.408	ng		97
30) 1,2,4-Trichlorobenzene	8.24	180	450526	30.193	ng		97
31) Naphthalene	8.32	128	1377681	31.228	ng		99
32) Benzoic acid	7.98	122	14160m	7.427	ng		
33) 4-Chloroaniline	8.37	127	434429	22.596	ng		99
34) Hexachlorobutadiene	8.44	225	283805	30.044	ng		99
35) Caprolactam	8.72	113	112529	26.532	ng	#	79
36) 4-Chloro-3-methylphenol	8.84	107	430090	29.458	ng		99
37) 2-Methylnaphthalene	9.01	142	915090	29.317	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	450158	35.675	ng	#	97
40) Hexachlorocyclopentadiene	9.16	237	72005	8.835	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	281053	35.893	ng		97
43) 2,4,5-Trichlorophenol	9.32	196	288130	33.427	ng		95
45) 1,1'-Biphenyl	9.48	154	1069538	35.304	ng		99
46) 2-Chloronaphthalene	9.51	162	801016	33.453	ng		98
47) 2-Nitroaniline	9.60	65	277569	35.827	ng		93
48) Acenaphthylene	9.92	152	1222037	32.283	ng		100
49) Dimethylphthalate	9.77	163	1322126	46.192	ng	#	98
50) 2,6-Dinitrotoluene	9.84	165	196797	32.863	ng	#	85
51) Acenaphthene	10.10	154	703124	30.326	ng		99
52) 3-Nitroaniline	10.01	138	197194	30.097	ng		89
53) 2,4-Dinitrophenol	10.11	184	12079	11.937	ng	#	55
54) Dibenzofuran	10.27	168	1042880	31.047	ng		98
55) 4-Nitrophenol	10.15	139	265918	53.596	ng	#	84
56) 2,4-Dinitrotoluene	10.24	165	227638	29.532	ng		96
57) Fluorene	10.61	166	771247	29.004	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	213434	29.625	ng	#	85
59) Diethylphthalate	10.48	149	901090	32.511	ng		95
60) 4-Chlorophenyl-phenylether	10.60	204	416536	30.062	ng		94
61) 4-Nitroaniline	10.62	138	182313	28.144	ng		97
62) Azobenzene	10.77	77	818515	28.596	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	15375	10.768	ng		91
65) n-Nitrosodiphenylamine	10.72	169	718790	36.167	ng		97
66) 4-Bromophenyl-phenylether	11.10	248	245190	33.548	ng		90
67) Hexachlorobenzene	11.17	284	245319	31.901	ng	#	87
68) Atrazine	11.24	200	231319	34.702	ng		95
69) Pentachlorophenol	11.35	266	231852	62.991	ng		99
70) Phenanthrene	11.58	178	1029415	32.452	ng		100
71) Anthracene	11.64	178	1056478	32.495	ng		100
72) Carbazole	11.79	167	957626	33.152	ng		99
73) Di-n-butylphthalate	12.11	149	1151355	35.189	ng		99
74) Fluoranthene	12.78	202	1177377	34.009	ng		96
76) Benzidine	12.90	184	865652	35.858	ng		99
77) Pyrene	13.01	202	1195181	29.217	ng		99
79) Butylbenzylphthalate	13.62	149	521157	32.084	ng		97
80) Benzo(a)anthracene	14.21	228	1150425	31.024	ng		100
81) 3,3'-Dichlorobenzidine	14.17	252	463250	34.860	ng	#	96
82) Chrysene	14.24	228	1065120	31.331	ng		98
83) Bis(2-ethylhexyl)phthalate	14.17	149	742171	33.740	ng		99
84) Di-n-octyl phthalate	14.80	149	1266510	37.753	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.39	276	697840	23.691	ng	#	92
87) Benzo(b)fluoranthene	15.31	252	958441	33.142	ng		96
88) Benzo(k)fluoranthene	15.34	252	860474	32.368	ng	#	96
89) Benzo(a)pyrene	15.71	252	808102	31.205	ng	#	97
90) Dibenzo(a,h)anthracene	17.41	278	596957	27.860	ng	#	95
91) Benzo(g,h,i)perylene	17.89	276	559660	26.526	ng	#	90

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

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