Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110118.D
Acq On : 24 Oct 2018 16:42
Operator : JU/SJ
Sample : J5603-19MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAV-GT104MS

Manual Integrations APPROVED
Sohil
10/25/2018 11:15:14 AM

Quant Time: Oct 25 04:12:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	162377	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	597969	20.00	ng		-0.02
39) Acenaphthene-d10	10.02	164	239350	20.00	ng		-0.01
64) Phenanthrene-d10	11.50	188	369524	20.00	ng		-0.01
76) Chrysene-d12	14.16	240	292388	20.00	ng		0.00
87) Perylene-d12	15.69	264	232129	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	544515	54.61	ng		-0.01
7) Phenol-d6	6.59	99	439728	34.48	ng		-0.02
23) Nitrobenzene-d5	7.53	82	787520	78.11	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	219721	92.67	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	1315169	86.28	ng		-0.01
79) Terphenyl-d14	13.09	244	1008494	71.73	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	74453	14.252	ng		89
3) Pyridine	3.63	79	163040	14.012	ng	#	85
4) n-Nitrosodimethylamine	3.57	42	99115	20.331	ng		94
6) Aniline	6.63	93	206756	12.445	ng	#	54
8) 2-Chlorophenol	6.75	128	392576	34.149	ng		95
9) Benzaldehyde	6.52	77	269818	35.200	ng		97
10) Phenol	6.60	94	212298	15.572	ng	#	64
11) bis(2-Chloroethyl)ether	6.70	93	439374	39.173	ng		91
12) 1,3-Dichlorobenzene	6.91	146	441016	34.860	ng		98
13) 1,4-Dichlorobenzene	6.99	146	446957	34.932	ng		98
14) 1,2-Dichlorobenzene	7.14	146	417173	35.122	ng		98
15) Benzyl Alcohol	7.10	79	261225	26.630	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	715980	39.924	ng		69
17) 2-Methylphenol	7.22	107	266800	29.121	ng	#	79
18) Hexachloroethane	7.48	117	142298	30.377	ng		95
19) n-Nitroso-di-n-propylamine	7.38	70	314670	38.458	ng		98
20) 3+4-Methylphenols	7.36	107	304697	25.729	ng		97
22) Acetophenone	7.37	105	620018	44.999	ng		96
24) Nitrobenzene	7.55	77	461938	44.381	ng		95
25) Isophorone	7.79	82	851777	49.565	ng		96
26) 2-Nitrophenol	7.87	139	199323	40.243	ng		90
27) 2,4-Dimethylphenol	7.90	122	366873	44.676	ng		97
28) bis(2-Chloroethoxy)methane	7.99	93	545116	46.693	ng		99
29) 2,4-Dichlorophenol	8.10	162	337503	40.681	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	362570	39.016	ng		96
31) Naphthalene	8.27	128	1189972	43.178	ng		99
32) Benzoic acid	7.97	122	57986	9.136	ng		91
33) 4-Chloroaniline	8.32	127	101151	8.155	ng		99
34) Hexachlorobutadiene	8.39	225	193431	37.488	ng		99
35) Caprolactam	8.68	113	18483	6.392	ng	#	90
36) 4-Chloro-3-methylphenol	8.79	107	323729	36.085	ng		94
37) 2-Methylnaphthalene	8.97	142	804956	44.145	ng		98
38) 1-Methylnaphthalene	9.07	142	750985	42.618	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	341363	45.774	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	85908	22.528 ng		100
43) 2,4,6-Trichlorophenol	9.24	196	214290	44.550 ng		95
44) 2,4,5-Trichlorophenol	9.28	196	226592	44.566 ng		97
46) 1,1'-Biphenyl	9.43	154	954897	44.118 ng		98
47) 2-Chloronaphthalene	9.46	162	707046	44.533 ng		99
48) 2-Nitroaniline	9.55	65	224862	46.738 ng		96
49) Acenaphthylene	9.87	152	1053339	45.934 ng		97
50) Dimethylphthalate	9.73	163	895473	50.683 ng		99
51) 2,6-Dinitrotoluene	9.79	165	167914	44.120 ng		98
52) Acenaphthene	10.05	154	652058	42.982 ng		98
53) 3-Nitroaniline	9.96	138	100966	22.309 ng		88
54) 2,4-Dinitrophenol	10.07	184	23158	19.515 ng		89
55) Dibenzofuran	10.22	168	915056	43.082 ng		95
56) 4-Nitrophenol	10.12	139	135854	40.558 ng		91
57) 2,4-Dinitrotoluene	10.20	165	195168	40.373 ng	#	88
58) Fluorene	10.56	166	691386	43.737 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	172126	41.533 ng		96
60) Diethylphthalate	10.43	149	805970	46.731 ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	347522	41.674 ng		99
62) 4-Nitroaniline	10.58	138	154843	34.399 ng		90
63) Azobenzene	10.71	77	713052	41.651 ng		97
65) 4,6-Dinitro-2-methylphenol	10.60	198	19076	11.299 ng		86
66) n-Nitrosodiphenylamine	10.67	169	616446	50.860 ng		97
67) 4-Bromophenyl-phenylether	11.05	248	194038	48.409 ng		99
68) Hexachlorobenzene	11.11	284	190795	44.863 ng	#	90
69) Atrazine	11.19	200	184165	48.081 ng		98
70) Pentachlorophenol	11.30	266	172782	69.673 ng		98
71) Phenanthrene	11.53	178	897572	46.422 ng		100
72) Anthracene	11.58	178	923060	47.628 ng		99
73) Carbazole	11.73	167	803362	42.455 ng		100
74) Di-n-butylphthalate	12.06	149	1071373	50.131 ng		99
75) Fluoranthene	12.72	202	887763	45.241 ng		99
77) Benzidine	12.84	184	441873	Below Cal		97
78) Pyrene	12.96	202	911754	43.496 ng		98
80) Butylbenzylphthalate	13.56	149	407471	44.786 ng		98
81) Benzo(a)anthracene	14.14	228	840093	48.450 ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	268022	44.391 ng		98
83) Chrysene	14.19	228	776323	47.139 ng		99
84) Bis(2-ethylhexyl)phthalate	14.12	149	583587	47.450 ng		97
85) Di-n-octyl phthalate	14.74	149	1029831	53.850 ng		98
86) Indeno(1,2,3-cd)pyrene	17.25	276	573495	41.976 ng		95
88) Benzo(b)fluoranthene	15.23	252	691267	51.569 ng		99
89) Benzo(k)fluoranthene	15.26	252	663131m	50.321 ng		
90) Benzo(a)pyrene	15.62	252	611420	49.570 ng		97
91) Dibenzo(a,h)anthracene	17.27	278	490732	46.109 ng		99
92) Benzo(g,h,i)perylene	17.73	276	465854	44.420 ng		96

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

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