Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
Data File : BF109745.D
Acq On : 10 Oct 2018 16:32
Operator : JU/SJ
Sample : J5302-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-TW-3-(16.5-17)MSD

Manual Integrations APPROVED
Sohil
10/11/2018 2:02:37 PM

Quant Time: Oct 10 17:39:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	78460	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	309446	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	153631	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	313715	20.00	ng		0.00
75) Chrysene-d12	13.83	240	227009	20.00	ng		0.00
86) Perylene-d12	15.23	264	195161	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	787770	178.22	ng		0.00
7) Phenol-d6	6.36	99	1018504	172.48	ng		0.00
23) Nitrobenzene-d5	7.26	82	693709	123.57	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	305856	182.71	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	1175720	105.40	ng		0.00
78) Terphenyl-d14	12.79	244	1263093	107.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	63531	27.386	ng		96
3) Pyridine	3.14	79	132661	27.718	ng		99
4) n-Nitrosodimethylamine	3.05	42	63756	36.907	ng	#	92
6) Aniline	6.37	93	272498	39.615	ng	#	76
8) 2-Chlorophenol	6.49	128	223615	41.134	ng		93
9) Benzaldehyde	6.25	77	105688	27.814	ng		97
10) Phenol	6.37	94	271700	40.127	ng		86
11) bis(2-Chloroethyl)ether	6.44	93	185790	33.097	ng		99
12) 1,3-Dichlorobenzene	6.64	146	226487	36.426	ng		98
13) 1,4-Dichlorobenzene	6.72	146	253701	37.432	ng		100
14) 1,2-Dichlorobenzene	6.87	146	234864	39.458	ng		99
15) Benzyl Alcohol	6.85	79	179084	40.909	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	286746	38.524	ng		90
17) 2-Methylphenol	6.97	107	177907	41.384	ng		98
18) Hexachloroethane	7.20	117	89168	37.220	ng		95
19) n-Nitroso-di-n-propylamine	7.12	70	161025	38.886	ng		100
20) 3+4-Methylphenols	7.12	107	215256	40.635	ng		92
22) Acetophenone	7.11	105	331822	44.343	ng		99
24) Nitrobenzene	7.28	77	242167	41.457	ng		98
25) Isophorone	7.52	82	447956	48.054	ng		98
26) 2-Nitrophenol	7.60	139	115653	42.328	ng		97
27) 2,4-Dimethylphenol	7.65	122	195944	49.662	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	278201	44.121	ng		98
29) 2,4-Dichlorophenol	7.85	162	198629	44.882	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	197173	40.246	ng		99
31) Naphthalene	8.00	128	625128	43.682	ng		100
32) Benzoic acid	7.76	122	37605	13.331	ng	#	83
33) 4-Chloroaniline	8.06	127	271024	43.005	ng		97
34) Hexachlorobutadiene	8.12	225	118975	39.058	ng		97
35) Caprolactam	8.42	113	57298m	43.352	ng		
36) 4-Chloro-3-methylphenol	8.55	107	214986	46.020	ng		97
37) 2-Methylnaphthalene	8.69	142	441025	47.046	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	208764	39.919	ng		99
40) Hexachlorocyclopentadiene	8.85	237	158322	70.117	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	130585	41.770 ng	99
43) 2,4,5-Trichlorophenol	9.02	196	158716	44.155 ng	96
45) 1,1'-Biphenyl	9.15	154	550863	40.137 ng	100
46) 2-Chloronaphthalene	9.17	162	418797	40.730 ng	98
47) 2-Nitroaniline	9.27	65	139442	44.787 ng	98
48) Acenaphthylene	9.59	152	677467	45.194 ng	99
49) Dimethylphthalate	9.46	163	557438	49.474 ng	100
50) 2,6-Dinitrotoluene	9.52	165	111455	45.633 ng	94
51) Acenaphthene	9.76	154	373068	41.982 ng	99
52) 3-Nitroaniline	9.69	138	115533	42.199 ng	93
53) 2,4-Dinitrophenol	9.80	184	44359	56.293 ng	95
54) Dibenzofuran	9.93	168	573682	43.068 ng	100
55) 4-Nitrophenol	9.87	139	132185	88.206 ng	96
56) 2,4-Dinitrotoluene	9.92	165	145737	47.814 ng	95
57) Fluorene	10.27	166	464613	46.707 ng	100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	139731	47.821 ng	97
59) Diethylphthalate	10.15	149	506004	45.325 ng	99
60) 4-Chlorophenyl-phenylether	10.26	204	222347	42.369 ng	98
61) 4-Nitroaniline	10.31	138	120231	47.419 ng	99
62) Azobenzene	10.43	77	513113	45.261 ng	98
64) 4,6-Dinitro-2-methylphenol	10.33	198	51456	33.699 ng	79
65) n-Nitrosodiphenylamine	10.39	169	435112	40.913 ng	99
66) 4-Bromophenyl-phenylether	10.75	248	145000	40.226 ng	93
67) Hexachlorobenzene	10.82	284	156453	40.082 ng	96
68) Atrazine	10.92	200	139827	42.129 ng	100
69) Pentachlorophenol	11.02	266	147103	66.975 ng	99
70) Phenanthrene	11.23	178	692832	44.131 ng	99
71) Anthracene	11.28	178	755122	46.529 ng	100
72) Carbazole	11.44	167	679779	43.188 ng	99
73) Di-n-butylphthalate	11.77	149	815248	44.656 ng	99
74) Fluoranthene	12.41	202	755669	46.074 ng	99
76) Benzidine	12.54	184	440798	52.271 ng	97
77) Pyrene	12.64	202	743740	44.717 ng	99
79) Butylbenzylphthalate	13.26	149	341239	47.322 ng	96
80) Benzo(a)anthracene	13.82	228	562969	44.939 ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	208071	41.250 ng	100
82) Chrysene	13.86	228	590505	44.877 ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	442320	50.277 ng	98
84) Di-n-octyl phthalate	14.42	149	732993	52.711 ng	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	542856	57.638 ng	100
87) Benzo(b)fluoranthene	14.83	252	502703	46.612 ng	99
88) Benzo(k)fluoranthene	14.86	252	450609	41.584 ng	99
89) Benzo(a)pyrene	15.17	252	453093	46.295 ng	98
90) Dibenzo(a,h)anthracene	16.59	278	451706	56.197 ng	98
91) Benzo(g,h,i)perylene	16.98	276	468572	58.378 ng	99

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

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