Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103722.D
Acq On : 17 Mar 2018 2:53
Operator : JU/SJ
Sample : J1915-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MSD

Manual Integrations APPROVED
Sohil
3/19/2018 2:03:00 PM

Quant Time: Mar 19 11:30:56 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166568	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	649461	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	264081	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	379948	20.00	ng		0.00
75) Chrysene-d12	14.16	240	290718	20.00	ng		0.01
86) Perylene-d12	15.70	264	231590	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1245494	113.73	ng		0.02
7) Phenol-d6	6.60	99	1544293	115.26	ng		0.01
23) Nitrobenzene-d5	7.54	82	953856	102.42	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	265028	116.72	ng		0.01
44) 2-Fluorobiphenyl	9.33	172	1445809	87.33	ng		0.00
78) Terphenyl-d14	13.09	244	1040703	83.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	169850	31.498	ng		93
4) n-Nitrosodimethylamine	3.60	42	219347	40.109	ng		87
6) Aniline	6.67	93	173218m	9.054	ng		
8) 2-Chlorophenol	6.76	128	456178	39.764	ng		93
9) Benzaldehyde	6.52	77	211746	24.056	ng		98
10) Phenol	6.62	94	561724	39.455	ng		93
11) bis(2-Chloroethyl)ether	6.71	93	464365	39.511	ng		95
12) 1,3-Dichlorobenzene	6.92	146	478606	36.630	ng		100
13) 1,4-Dichlorobenzene	6.99	146	484342	36.889	ng		99
14) 1,2-Dichlorobenzene	7.15	146	443951	36.439	ng		99
15) Benzyl Alcohol	7.11	79	395280	38.077	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	623752	37.314	ng		94
17) 2-Methylphenol	7.22	107	368517	36.072	ng		99
18) Hexachloroethane	7.49	117	142394	30.832	ng		98
19) n-Nitroso-di-n-propylamine	7.39	70	309508	36.046	ng		92
20) 3+4-Methylphenols	7.37	107	455976	35.170	ng		95
22) Acetophenone	7.38	105	612175	36.676	ng	#	95
24) Nitrobenzene	7.56	77	480071	43.907	ng		100
25) Isophorone	7.79	82	880708	40.850	ng		99
26) 2-Nitrophenol	7.87	139	198309	47.736	ng		98
27) 2,4-Dimethylphenol	7.90	122	333748	36.136	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	565487	43.316	ng		99
29) 2,4-Dichlorophenol	8.11	162	352611	41.963	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	370376	38.003	ng		98
31) Naphthalene	8.28	128	1229842	37.487	ng		99
32) Benzoic acid	7.94	122	9123m	11.016	ng		
33) 4-Chloroaniline	8.33	127	163478	11.877	ng		96
34) Hexachlorobutadiene	8.39	225	200182	37.463	ng		97
35) Caprolactam	8.69	113	16512m	5.707	ng		
36) 4-Chloro-3-methylphenol	8.79	107	367866	39.712	ng		96
37) 2-Methylnaphthalene	8.97	142	786944	37.825	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	324030	43.009	ng		99
40) Hexachlorocyclopentadiene	9.12	237	50938	13.103	ng		96
42) 2,4,6-Trichlorophenol	9.24	196	219862	45.625	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.28	196	232447	42.737	ng		96
45) 1,1'-Biphenyl	9.43	154	893571	40.579	ng		100
46) 2-Chloronaphthalene	9.46	162	703560	40.226	ng		98
47) 2-Nitroaniline	9.55	65	231861	50.296	ng		96
48) Acenaphthylene	9.88	152	1015621	37.447	ng		99
49) Dimethylphthalate	9.73	163	988435	49.059	ng		99
50) 2,6-Dinitrotoluene	9.79	165	167052	43.287	ng		95
51) Acenaphthene	10.05	154	601573	37.356	ng		99
52) 3-Nitroaniline	9.96	138	153611	34.086	ng		99
53) 2,4-Dinitrophenol	10.06	184	2982	11.787	ng	#	1
54) Dibenzofuran	10.22	168	895937	38.954	ng		99
55) 4-Nitrophenol	10.12	139	256785	70.258	ng		99
56) 2,4-Dinitrotoluene	10.20	165	198100	41.139	ng		97
57) Fluorene	10.56	166	661757	37.079	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	163972	42.546	ng		97
59) Diethylphthalate	10.43	149	805113	40.261	ng		99
60) 4-Chlorophenyl-phenylether	10.55	204	325309	39.883	ng		99
61) 4-Nitroaniline	10.58	138	161298	36.825	ng		100
62) Azobenzene	10.72	77	742417	36.517	ng		95
64) 4,6-Dinitro-2-methylphenol	10.60	198	6912	13.375	ng		97
65) n-Nitrosodiphenylamine	10.67	169	584021	45.158	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	180960	46.387	ng		95
67) Hexachlorobenzene	11.12	284	184144	41.358	ng	#	90
68) Atrazine	11.20	200	174573	43.636	ng		99
69) Pentachlorophenol	11.30	266	170679	66.677	ng		97
70) Phenanthrene	11.53	178	835462	40.197	ng		99
71) Anthracene	11.59	178	854001	40.456	ng		99
72) Carbazole	11.74	167	761318	37.106	ng		99
73) Di-n-butylphthalate	12.06	149	1086792	44.145	ng		100
74) Fluoranthene	12.73	202	817895	38.197	ng		97
77) Pyrene	12.96	202	830957	38.920	ng		100
79) Butylbenzylphthalate	13.56	149	419806	44.380	ng		95
80) Benzo(a)anthracene	14.15	228	763831	41.507	ng		100
81) 3,3'-Dichlorobenzidine	14.10	252	67861	11.024	ng		96
82) Chrysene	14.19	228	703428	40.099	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	621381	45.983	ng	#	99
84) Di-n-octyl phthalate	14.75	149	968122	49.245	ng		97
85) Indeno(1,2,3-cd)pyrene	17.28	276	532011	34.728	ng		98
87) Benzo(b)fluoranthene	15.24	252	641479	43.843	ng		98
88) Benzo(k)fluoranthene	15.27	252	620171	44.094	ng		99
89) Benzo(a)pyrene	15.64	252	562526	42.389	ng		98
90) Dibenzo(a,h)anthracene	17.30	278	447120	38.910	ng		98
91) Benzo(g,h,i)perylene	17.76	276	435253	38.935	ng		97

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

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