Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
Data File : BF103611.D
Acq On : 13 Mar 2018 18:21
Operator : SJ/JU
Sample : J1898-13MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMSD

Manual Integrations APPROVED
Sohil
3/14/2018 1:30:37 PM

Quant Time: Mar 14 09:53:45 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	138531	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	599300	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	277961	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	489215	20.00	ng		0.00
75) Chrysene-d12	14.06	240	278195	20.00	ng		0.00
86) Perylene-d12	15.56	264	254095	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1513443	165.23	ng		0.00
7) Phenol-d6	6.51	99	1693513	151.10	ng		0.00
23) Nitrobenzene-d5	7.43	82	1146922	109.29	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	316564	134.55	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1532981	98.67	ng		0.00
78) Terphenyl-d14	12.99	244	1346888	116.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	143976	29.761	ng		93
3) Pyridine	3.51	79	375059m	29.040	ng		
4) n-Nitrosodimethylamine	3.42	42	233504m	44.829	ng		
6) Aniline	6.54	93	501472	31.002	ng	#	75
8) 2-Chlorophenol	6.65	128	415127	43.628	ng		92
9) Benzaldehyde	6.43	77	182599	23.867	ng		97
10) Phenol	6.52	94	570025m	43.810	ng		
11) bis(2-Chloroethyl)ether	6.60	93	382852	38.769	ng		94
12) 1,3-Dichlorobenzene	6.80	146	424057	38.998	ng		97
13) 1,4-Dichlorobenzene	6.87	146	461507	42.333	ng		99
14) 1,2-Dichlorobenzene	7.03	146	399777	39.769	ng		98
15) Benzyl Alcohol	7.02	79	342116	40.507	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	679312	40.059	ng		51
17) 2-Methylphenol	7.12	107	365581	42.278	ng	#	78
18) Hexachloroethane	7.36	117	150954	38.036	ng		93
19) n-Nitroso-di-n-propylamine	7.27	70	328008	47.023	ng		93
20) 3+4-Methylphenols	7.28	107	481082	45.640	ng	#	50
22) Acetophenone	7.27	105	618618	44.223	ng	#	90
24) Nitrobenzene	7.45	77	480880	41.620	ng		96
25) Isophorone	7.68	82	941385	45.548	ng		97
26) 2-Nitrophenol	7.76	139	243851	44.832	ng		91
27) 2,4-Dimethylphenol	7.80	122	406863	48.937	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	563279	46.354	ng		98
29) 2,4-Dichlorophenol	8.02	162	376173	47.259	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	335718	39.606	ng		99
31) Naphthalene	8.16	128	1269265	43.260	ng		100
32) Benzoic acid	7.95	122	115778	22.981	ng		94
33) 4-Chloroaniline	8.23	127	323269	25.532	ng		96
34) Hexachlorobutadiene	8.26	225	160369	36.332	ng		99
35) Caprolactam	8.61	113	121257m	43.344	ng		
36) 4-Chloro-3-methylphenol	8.72	107	436185	48.583	ng		98
37) 2-Methylnaphthalene	8.85	142	810230	42.729	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	306909	40.389	ng		99
40) Hexachlorocyclopentadiene	9.00	237	53740	26.718	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	214190	41.890	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	214160	36.417	ng		96
45) 1,1'-Biphenyl	9.32	154	923354	39.643	ng		99
46) 2-Chloronaphthalene	9.35	162	752449	40.834	ng		99
47) 2-Nitroaniline	9.46	65	322890	47.305	ng		88
48) Acenaphthylene	9.76	152	1102105	38.873	ng		99
49) Dimethylphthalate	9.62	163	935612	41.959	ng		100
50) 2,6-Dinitrotoluene	9.70	165	193382	41.326	ng	#	77
51) Acenaphthene	9.93	154	652195	39.450	ng		99
52) 3-Nitroaniline	9.88	138	168069	28.309	ng		99
53) 2,4-Dinitrophenol	10.00	184	87127	54.969	ng	#	20
54) Dibenzofuran	10.11	168	933946	41.153	ng		94
55) 4-Nitrophenol	10.06	139	178850	48.607	ng	#	83
56) 2,4-Dinitrotoluene	10.12	165	245838	41.539	ng	#	82
57) Fluorene	10.45	166	776333	40.157	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	168887	42.750	ng	#	97
59) Diethylphthalate	10.32	149	893916	41.915	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	345505	42.144	ng		99
61) 4-Nitroaniline	10.50	138	219021	36.935	ng		99
62) Azobenzene	10.60	77	974108	44.873	ng		94
64) 4,6-Dinitro-2-methylphenol	10.53	198	81495	29.503	ng		92
65) n-Nitrosodiphenylamine	10.56	169	702710	41.254	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	202300	39.697	ng		98
67) Hexachlorobenzene	11.00	284	208700	37.730	ng		99
68) Atrazine	11.09	200	212695	41.544	ng		99
69) Pentachlorophenol	11.21	266	153388	57.352	ng		99
70) Phenanthrene	11.42	178	1064923	39.554	ng		99
71) Anthracene	11.47	178	1167590	42.292	ng		100
72) Carbazole	11.64	167	1159949	42.191	ng		99
73) Di-n-butylphthalate	11.94	149	1426079	41.454	ng		100
74) Fluoranthene	12.62	202	1044606	38.611	ng		98
76) Benzidine	12.75	184	591800	56.902	ng		97
77) Pyrene	12.85	202	1026319	47.318	ng		99
79) Butylbenzylphthalate	13.45	149	584659	51.019	ng		94
80) Benzo(a)anthracene	14.05	228	724146	40.118	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	240597	37.349	ng		99
82) Chrysene	14.09	228	743164	42.403	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	708149	45.792	ng	#	99
84) Di-n-octyl phthalate	14.62	149	1214606	48.612	ng		97
85) Indeno(1,2,3-cd)pyrene	17.12	276	656814	47.337	ng		98
87) Benzo(b)fluoranthene	15.12	252	606443	36.300	ng		98
88) Benzo(k)fluoranthene	15.15	252	685606	43.581	ng		99
89) Benzo(a)pyrene	15.50	252	620112	41.565	ng		98
90) Dibenzo(a,h)anthracene	17.12	278	551388	47.830	ng		98
91) Benzo(g,h,i)perylene	17.59	276	551432	48.943	ng		97

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

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