Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103754.D
Acq On : 19 Mar 2018 13:57
Operator : JU/SJ
Sample : J1750-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMSD

Manual Integrations APPROVED
Sohil
3/20/2018 6:26:28 PM

Quant Time: Mar 19 16:56:14 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 19 10:47:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156047	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	648089	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	306009	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	554725	20.00	ng		0.00
75) Chrysene-d12	14.16	240	425402	20.00	ng		0.00
86) Perylene-d12	15.69	264	361285	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1243356	121.19	ng		0.02
7) Phenol-d6	6.60	99	1483721	118.21	ng		0.01
23) Nitrobenzene-d5	7.54	82	1045359	112.48	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	419886	159.59	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1733090	90.34	ng		0.00
78) Terphenyl-d14	13.10	244	1793748	97.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.02	88	189740	37.559	ng	#	76
3) Pyridine	3.72	79	426808	30.716	ng		87
4) n-Nitrosodimethylamine	3.67	42	214068	41.783	ng	#	76
6) Aniline	6.64	93	274042	15.290	ng		96
8) 2-Chlorophenol	6.76	128	504994	46.987	ng		95
9) Benzaldehyde	6.53	77	161848	19.627	ng		95
10) Phenol	6.62	94	553752	41.518	ng		94
11) bis(2-Chloroethyl)ether	6.71	93	504088	45.782	ng		95
12) 1,3-Dichlorobenzene	6.92	146	525974	42.969	ng		99
13) 1,4-Dichlorobenzene	6.99	146	533923	43.407	ng		99
14) 1,2-Dichlorobenzene	7.15	146	496448	43.495	ng		99
15) Benzyl Alcohol	7.11	79	451501	46.426	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	687558	43.904	ng		93
17) 2-Methylphenol	7.22	107	436169	45.573	ng		98
18) Hexachloroethane	7.49	117	199926	46.208	ng		99
19) n-Nitroso-di-n-propylamine	7.39	70	348004	43.262	ng		91
20) 3+4-Methylphenols	7.37	107	514241	42.338	ng		94
22) Acetophenone	7.38	105	689158	41.375	ng	#	95
24) Nitrobenzene	7.56	77	555510	50.915	ng		97
25) Isophorone	7.79	82	1031107	47.928	ng		100
26) 2-Nitrophenol	7.87	139	281355	63.886	ng		96
27) 2,4-Dimethylphenol	7.90	122	491926	53.374	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	653295	50.148	ng		100
29) 2,4-Dichlorophenol	8.11	162	433920	51.749	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	437408	44.976	ng		99
31) Naphthalene	8.28	128	1528795	46.698	ng		100
32) Benzoic acid	8.00	122	175180	31.284	ng		98
33) 4-Chloroaniline	8.32	127	70091	5.103	ng		98
34) Hexachlorobutadiene	8.39	225	230440	43.217	ng		100
35) Caprolactam	8.70	113	117216m	40.597	ng		
36) 4-Chloro-3-methylphenol	8.80	107	475639	51.455	ng		98
37) 2-Methylnaphthalene	8.97	142	994200	47.888	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	393113	45.030	ng		98
40) Hexachlorocyclopentadiene	9.12	237	438583	97.360	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	298979	53.542	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	319041	50.621	ng		98
45) 1,1'-Biphenyl	9.43	154	1136704	44.547	ng		99
46) 2-Chloronaphthalene	9.46	162	906301	44.718	ng		99
47) 2-Nitroaniline	9.56	65	297125	54.900	ng		94
48) Acenaphthylene	9.88	152	1382034	43.975	ng		99
49) Dimethylphthalate	9.73	163	1115796	47.792	ng		99
50) 2,6-Dinitrotoluene	9.80	165	254680	55.694	ng		95
51) Acenaphthene	10.05	154	919156	49.256	ng		99
52) 3-Nitroaniline	9.96	138	126147	25.268	ng		98
53) 2,4-Dinitrophenol	10.07	184	166919	100.084	ng	#	20
54) Dibenzofuran	10.22	168	1246364	46.765	ng		97
55) 4-Nitrophenol	10.13	139	423082	97.801	ng		94
56) 2,4-Dinitrotoluene	10.20	165	342488	58.322	ng		98
57) Fluorene	10.57	166	948434	45.860	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	255984	57.320	ng		95
59) Diethylphthalate	10.43	149	1069395	46.150	ng		98
60) 4-Chlorophenyl-phenylether	10.56	204	438108	46.353	ng		95
61) 4-Nitroaniline	10.59	138	289184	54.924	ng		93
62) Azobenzene	10.72	77	1041356	44.202	ng		96
64) 4,6-Dinitro-2-methylphenol	10.62	198	132510	58.697	ng	#	75
65) n-Nitrosodiphenylamine	10.67	169	893857	47.339	ng		100
66) 4-Bromophenyl-phenylether	11.04	248	276388	48.527	ng		96
67) Hexachlorobenzene	11.12	284	306992	47.225	ng		94
68) Atrazine	11.20	200	290013	49.652	ng		99
69) Pentachlorophenol	11.31	266	319443	85.475	ng		96
70) Phenanthrene	11.53	178	1405147	46.306	ng		100
71) Anthracene	11.59	178	1439234	46.698	ng		100
72) Carbazole	11.74	167	1381117	46.106	ng		99
73) Di-n-butylphthalate	12.06	149	1688871	46.987	ng		100
74) Fluoranthene	12.73	202	1479762	47.334	ng		100
76) Benzidine	12.84	184	148330	8.175	ng		97
77) Pyrene	12.96	202	1479947	47.372	ng		100
79) Butylbenzylphthalate	13.56	149	740373	53.489	ng		97
80) Benzo(a)anthracene	14.15	228	1325625	49.229	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	160829	17.856	ng		99
82) Chrysene	14.19	228	1211718	47.205	ng		100
83) Bis(2-ethylhexyl)phthalate	14.12	149	1021941	51.682	ng		99
84) Di-n-octyl phthalate	14.74	149	1672986	58.156	ng		96
85) Indeno(1,2,3-cd)pyrene	17.27	276	1029489	45.925	ng		98
87) Benzo(b)fluoranthene	15.24	252	1235009	54.107	ng		97
88) Benzo(k)fluoranthene	15.27	252	1017798	46.388	ng		99
89) Benzo(a)pyrene	15.63	252	1056034	51.010	ng		98
90) Dibenzo(a,h)anthracene	17.29	278	842640	47.006	ng		99
91) Benzo(g,h,i)perylene	17.76	276	865374	49.621	ng		97

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

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