Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102076.D
Acq On : 15 Jan 2018 21:20
Operator : SJ/JU
Sample : J1117-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-1_9.5-10.0MSD

Manual Integrations APPROVED
Sohil
1/16/2018 5:01:24 PM

Quant Time: Jan 16 01:02:12 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	208074	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	821034	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	324470	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	452749	20.00	ng		0.00
75) Chrysene-d12	13.87	240	328580	20.00	ng		0.00
86) Perylene-d12	15.29	264	318189	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1612750	109.45	ng		0.02
7) Phenol-d6	6.37	99	1945254	110.65	ng		0.00
23) Nitrobenzene-d5	7.29	82	1264664	90.52	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	310671	109.72	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1817197	87.50	ng		0.00
78) Terphenyl-d14	12.82	244	1154375	72.94	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	239985	32.635	ng		96
3) Pyridine	3.18	79	300208	14.949	ng		94
4) n-Nitrosodimethylamine	3.13	42	316721	37.662	ng		100
6) Aniline	6.39	93	426558	17.216	ng		98
8) 2-Chlorophenol	6.51	128	562303	38.049	ng		99
9) Benzaldehyde	6.27	77	103694	8.495	ng		99
10) Phenol	6.38	94	695982	35.030	ng		90
11) bis(2-Chloroethyl)ether	6.47	93	560301	37.051	ng		99
12) 1,3-Dichlorobenzene	6.66	146	602076	35.341	ng		99
13) 1,4-Dichlorobenzene	6.74	146	603121	35.479	ng		100
14) 1,2-Dichlorobenzene	6.89	146	556285	35.355	ng		99
15) Benzyl Alcohol	6.87	79	461014	35.849	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	954135	34.227	ng		99
17) 2-Methylphenol	6.99	107	467873	35.095	ng		99
18) Hexachloroethane	7.23	117	204106	34.096	ng		96
19) n-Nitroso-di-n-propylamine	7.15	70	380853	33.057	ng		97
20) 3+4-Methylphenols	7.14	107	514229	32.125	ng	#	63
22) Acetophenone	7.14	105	757367	38.285	ng	#	89
24) Nitrobenzene	7.31	77	586463	39.063	ng		99
25) Isophorone	7.55	82	1070011	38.759	ng		98
26) 2-Nitrophenol	7.63	139	312288	49.698	ng		90
27) 2,4-Dimethylphenol	7.66	122	441992	37.663	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	681686	40.895	ng		99
29) 2,4-Dichlorophenol	7.86	162	446535	40.072	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	437585	37.542	ng		98
31) Naphthalene	8.03	128	1535168	37.420	ng		99
32) Benzoic acid	7.75	122	75262m	8.457	ng		
33) 4-Chloroaniline	8.08	127	317624	18.139	ng		98
34) Hexachlorobutadiene	8.15	225	226459	36.705	ng		99
35) Caprolactam	8.45	113	135876m	35.519	ng		
36) 4-Chloro-3-methylphenol	8.56	107	475845	39.011	ng		99
37) 2-Methylnaphthalene	8.72	142	1015900	37.614	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	393287	42.844	ng		99
40) Hexachlorocyclopentadiene	8.87	237	113517	22.612	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	277673	43.896	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	277723	38.845	ng		96
45) 1,1'-Biphenyl	9.19	154	1122151	39.127	ng		99
46) 2-Chloronaphthalene	9.21	162	849716	38.207	ng		98
47) 2-Nitroaniline	9.30	65	295993	44.431	ng		94
48) Acenaphthylene	9.62	152	1262050	35.758	ng		99
49) Dimethylphthalate	9.49	163	1186912	45.599	ng		99
50) 2,6-Dinitrotoluene	9.55	165	224700	43.217	ng		95
51) Acenaphthene	9.79	154	759983	35.476	ng		99
52) 3-Nitroaniline	9.72	138	226271	34.482	ng		95
53) 2,4-Dinitrophenol	9.82	184	35818	24.733	ng	#	18
54) Dibenzofuran	9.96	168	1089326	37.051	ng		98
55) 4-Nitrophenol	9.88	139	344128	70.372	ng		96
56) 2,4-Dinitrotoluene	9.95	165	274480	42.119	ng		97
57) Fluorene	10.31	166	779431	38.350	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	197182	38.739	ng		99
59) Diethylphthalate	10.19	149	926061	35.766	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	342707	39.599	ng		95
61) 4-Nitroaniline	10.33	138	211421	33.950	ng		93
62) Azobenzene	10.46	77	876369	34.020	ng		97
64) 4,6-Dinitro-2-methylphenol	10.36	198	39285	19.754	ng		87
65) n-Nitrosodiphenylamine	10.42	169	719727	42.453	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	214008	44.760	ng		99
67) Hexachlorobenzene	10.85	284	209706	40.176	ng		92
68) Atrazine	10.95	200	226057	46.139	ng		98
69) Pentachlorophenol	11.05	266	200498	62.993	ng		99
70) Phenanthrene	11.26	178	998350	37.750	ng		99
71) Anthracene	11.32	178	1016973	37.916	ng		99
72) Carbazole	11.47	167	934778	35.458	ng		99
73) Di-n-butylphthalate	11.80	149	1258369	38.906	ng		100
74) Fluoranthene	12.45	202	887524	34.109	ng		99
77) Pyrene	12.67	202	910436	31.346	ng		99
79) Butylbenzylphthalate	13.30	149	450994	33.835	ng		97
80) Benzo(a)anthracene	13.86	228	752400	35.890	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	226756	29.212	ng		99
82) Chrysene	13.90	228	774460	35.428	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	548762	35.889	ng		99
84) Di-n-octyl phthalate	14.47	149	1116511	44.003	ng		98
85) Indeno(1,2,3-cd)pyrene	16.66	276	636100	39.980	ng		98
87) Benzo(b)fluoranthene	14.89	252	814045	39.237	ng		99
88) Benzo(k)fluoranthene	14.91	252	715046	35.727	ng		99
89) Benzo(a)pyrene	15.23	252	717339	38.423	ng	#	97
90) Dibenzo(a,h)anthracene	16.68	278	527496	35.406	ng		98
91) Benzo(g,h,i)perylene	17.07	276	501885	33.442	ng		98

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

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