Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102162.D
Acq On : 17 Jan 2018 20:47
Operator : SJ/JU
Sample : J1152-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LTP-1MS

Manual Integrations APPROVED
Sohil
1/18/2018 11:12:29 AM

Quant Time: Jan 18 03:29:24 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	154297	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	606345	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	255585	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	389584	20.00	ng		0.00
75) Chrysene-d12	13.87	240	236662	20.00	ng		0.00
86) Perylene-d12	15.29	264	255531	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1275378	116.72	ng		0.02
7) Phenol-d6	6.37	99	1541675	118.25	ng		0.01
23) Nitrobenzene-d5	7.29	82	974429	94.44	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	295818	132.63	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1548428	94.65	ng		0.00
78) Terphenyl-d14	12.82	244	1024887	89.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	161218	29.565	ng		96
3) Pyridine	3.16	79	414667	27.845	ng		93
4) n-Nitrosodimethylamine	3.13	42	228477	36.638	ng	#	90
6) Aniline	6.39	93	410504	22.343	ng		97
8) 2-Chlorophenol	6.51	128	417440	38.091	ng		99
9) Benzaldehyde	6.27	77	56763	6.271	ng		95
10) Phenol	6.38	94	549472	37.295	ng		76
11) bis(2-Chloroethyl)ether	6.47	93	383902	34.234	ng		98
12) 1,3-Dichlorobenzene	6.66	146	447837	35.450	ng		100
13) 1,4-Dichlorobenzene	6.74	146	451494	35.816	ng		98
14) 1,2-Dichlorobenzene	6.89	146	418005	35.826	ng		99
15) Benzyl Alcohol	6.87	79	345784	36.260	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	647370	31.316	ng		99
17) 2-Methylphenol	6.99	107	342127	34.607	ng		97
18) Hexachloroethane	7.23	117	148723	33.503	ng		99
19) n-Nitroso-di-n-propylamine	7.15	70	282536	33.070	ng		95
20) 3+4-Methylphenols	7.14	107	401872	33.856	ng	#	70
22) Acetophenone	7.14	105	575993	39.426	ng	#	89
24) Nitrobenzene	7.31	77	425621	38.387	ng		99
25) Isophorone	7.55	82	783620	38.435	ng		98
26) 2-Nitrophenol	7.62	139	214386	46.197	ng		98
27) 2,4-Dimethylphenol	7.66	122	352785	40.705	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	486050	39.483	ng		98
29) 2,4-Dichlorophenol	7.87	162	348963	42.404	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	332708	38.651	ng		98
31) Naphthalene	8.03	128	1160121	38.290	ng		100
33) 4-Chloroaniline	8.07	127	261427	20.216	ng		100
34) Hexachlorobutadiene	8.14	225	178185	39.107	ng		97
35) Caprolactam	8.46	113	102754m	36.371	ng		
36) 4-Chloro-3-methylphenol	8.57	107	360354	40.003	ng		97
37) 2-Methylnaphthalene	8.72	142	775952	38.903	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	308169	42.620	ng		99
40) Hexachlorocyclopentadiene	8.87	237	160368	40.554	ng		95
42) 2,4,6-Trichlorophenol	9.00	196	220524	44.257	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	225258	39.998	ng		99
45) 1,1'-Biphenyl	9.19	154	890985	39.440	ng		98
46) 2-Chloronaphthalene	9.21	162	677575	38.678	ng		98
47) 2-Nitroaniline	9.31	65	225070	42.890	ng		95
48) Acenaphthylene	9.62	152	1007938	36.255	ng		99
49) Dimethylphthalate	9.49	163	975080	47.558	ng		99
50) 2,6-Dinitrotoluene	9.55	165	174782	42.676	ng		99
51) Acenaphthene	9.79	154	590908	35.018	ng		100
52) 3-Nitroaniline	9.72	138	173980	33.659	ng		98
53) 2,4-Dinitrophenol	9.82	184	16461	18.037	ng	#	21
54) Dibenzofuran	9.96	168	877096	37.873	ng		96
55) 4-Nitrophenol	9.89	139	274307	71.212	ng		99
56) 2,4-Dinitrotoluene	9.95	165	219070	42.676	ng		98
57) Fluorene	10.31	166	650385	40.625	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	166920	41.632	ng		98
59) Diethylphthalate	10.19	149	780898	38.288	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	289603	42.482	ng		96
61) 4-Nitroaniline	10.33	138	174497	35.573	ng		94
62) Azobenzene	10.46	77	742802	36.606	ng		97
64) 4,6-Dinitro-2-methylphenol	10.36	198	33938	19.810	ng		98
65) n-Nitrosodiphenylamine	10.42	169	608431	41.707	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	179828	43.709	ng		97
67) Hexachlorobenzene	10.85	284	179805	40.033	ng		94
68) Atrazine	10.95	200	189253	44.890	ng		99
69) Pentachlorophenol	11.05	266	176834	64.566	ng		99
70) Phenanthrene	11.27	178	856319	37.629	ng		98
71) Anthracene	11.32	178	873703	37.856	ng		100
72) Carbazole	11.47	167	791782	34.903	ng		99
73) Di-n-butylphthalate	11.80	149	1080615	38.827	ng		99
74) Fluoranthene	12.45	202	725830	32.418	ng		95
76) Benzidine	12.57	184	293597	25.691	ng		97
77) Pyrene	12.67	202	710644	33.971	ng		99
79) Butylbenzylphthalate	13.30	149	347213	36.166	ng		95
80) Benzo(a)anthracene	13.86	228	565248	37.434	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	210691	37.684	ng		99
82) Chrysene	13.90	228	560785	35.617	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	436899	39.670	ng		98
84) Di-n-octyl phthalate	14.47	149	763887	41.798	ng		100
85) Indeno(1,2,3-cd)pyrene	16.66	276	553389	48.290	ng		99
87) Benzo(b)fluoranthene	14.89	252	612743	36.776	ng		100
88) Benzo(k)fluoranthene	14.92	252	564820	35.141	ng		97
89) Benzo(a)pyrene	15.23	252	579298	38.638	ng		99
90) Dibenzo(a,h)anthracene	16.69	278	467479	39.071	ng		99
91) Benzo(g,h,i)perylene	17.08	276	430337	35.705	ng		99

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

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