Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102272.D
Acq On : 20 Jan 2018 18:08
Operator : SJ/JU
Sample : J1228-26MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-5MS

Manual Integrations APPROVED
Sohil
1/22/2018 5:25:55 PM

Quant Time: Jan 22 03:20:08 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 19 13:31:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	148635	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	610429	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	256208	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	385158	20.00	ng		0.00
75) Chrysene-d12	13.88	240	262974	20.00	ng		0.00
86) Perylene-d12	15.30	264	225414	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1049441	99.70	ng		0.01
7) Phenol-d6	6.37	99	1271715	101.26	ng		0.00
23) Nitrobenzene-d5	7.29	82	798231	76.84	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	234022	104.67	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1332815	81.27	ng		0.00
78) Terphenyl-d14	12.82	244	895673	70.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	150244	28.60	ng		95
3) Pyridine	3.15	79	405364	28.26	ng		95
4) n-Nitrosodimethylamine	3.12	42	208725	34.75	ng		96
6) Aniline	6.39	93	394272	22.28	ng	#	14
8) 2-Chlorophenol	6.51	128	393425	37.27	ng		98
9) Benzaldehyde	6.27	77	258460	29.64	ng		98
10) Phenol	6.38	94	526457	37.09	ng		74
11) bis(2-Chloroethyl)ether	6.46	93	365403	33.83	ng		96
12) 1,3-Dichlorobenzene	6.66	146	421694	34.65	ng		98
13) 1,4-Dichlorobenzene	6.74	146	427869	35.23	ng		98
14) 1,2-Dichlorobenzene	6.89	146	398717	35.47	ng		98
15) Benzyl Alcohol	6.87	79	321228	34.97	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	586652	29.46	ng		94
17) 2-Methylphenol	6.99	107	327258	34.36	ng		98
18) Hexachloroethane	7.23	117	126406	29.56	ng		93
19) n-Nitroso-di-n-propylamine	7.15	70	255492	31.04	ng		97
20) 3+4-Methylphenols	7.14	107	391026	34.20	ng	#	75
22) Acetophenone	7.13	105	527041	35.83	ng	#	94
24) Nitrobenzene	7.31	77	407876	36.54	ng		98
25) Isophorone	7.55	82	730223	35.58	ng		99
26) 2-Nitrophenol	7.62	139	200545	42.93	ng		97
27) 2,4-Dimethylphenol	7.67	122	344563	39.49	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	460506	37.16	ng		99
29) 2,4-Dichlorophenol	7.87	162	327465	39.53	ng		96
30) 1,2,4-Trichlorobenzene	7.95	180	319484	36.87	ng		96
31) Naphthalene	8.03	128	1100300	36.07	ng		100
32) Benzoic acid	7.77	122	88403	13.36	ng		93
33) 4-Chloroaniline	8.08	127	254660	19.56	ng		98
34) Hexachlorobutadiene	8.14	225	164629	35.89	ng		99
35) Caprolactam	8.46	113	110571m	38.88	ng		
36) 4-Chloro-3-methylphenol	8.57	107	350763	38.68	ng		100
37) 2-Methylnaphthalene	8.72	142	737359	36.72	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	285445	39.38	ng		99
40) Hexachlorocyclopentadiene	8.86	237	62736	15.83	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	202715	40.58	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	215749	38.22	ng		93
45) 1,1'-Biphenyl	9.18	154	848201	37.45	ng		99
46) 2-Chloronaphthalene	9.21	162	656488	37.38	ng		98
47) 2-Nitroaniline	9.31	65	219258	41.68	ng		97
48) Acenaphthylene	9.62	152	995824	35.73	ng		100
49) Dimethylphthalate	9.49	163	896758	43.63	ng		100
50) 2,6-Dinitrotoluene	9.55	165	162019	39.46	ng		98
51) Acenaphthene	9.79	154	575150	34.00	ng		100
52) 3-Nitroaniline	9.72	138	160494	30.97	ng		98
53) 2,4-Dinitrophenol	9.83	184	33021	27.43	ng	#	19
54) Dibenzofuran	9.96	168	848555	36.55	ng		97
55) 4-Nitrophenol	9.89	139	266438	69.00	ng		96
56) 2,4-Dinitrotoluene	9.96	165	201060	39.07	ng		93
57) Fluorene	10.31	166	640737	39.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	156257	38.88	ng		97
59) Diethylphthalate	10.19	149	720663	35.25	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	279553	40.91	ng		98
61) 4-Nitroaniline	10.33	138	172947	35.17	ng		91
62) Azobenzene	10.46	77	711512	34.98	ng		98
64) 4,6-Dinitro-2-methylphenol	10.36	198	27291	17.17	ng		86
65) n-Nitrosodiphenylamine	10.42	169	585152	40.57	ng		100
66) 4-Bromophenyl-phenylether	10.79	248	166865	41.02	ng		97
67) Hexachlorobenzene	10.85	284	168916	38.04	ng		95
68) Atrazine	10.95	200	165020	39.59	ng		99
69) Pentachlorophenol	11.05	266	154601	57.10	ng		98
70) Phenanthrene	11.27	178	820628	36.48	ng		99
71) Anthracene	11.32	178	844032	36.99	ng		100
72) Carbazole	11.47	167	787269	35.10	ng		99
73) Di-n-butylphthalate	11.80	149	1013986	36.85	ng		99
74) Fluoranthene	12.45	202	731897	33.06	ng		99
76) Benzidine	12.58	184	443839	34.95	ng		97
77) Pyrene	12.68	202	744099	32.01	ng		98
79) Butylbenzylphthalate	13.30	149	363393	34.06	ng		99
80) Benzo(a)anthracene	13.87	228	608498	36.27	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	231672	37.29	ng		99
82) Chrysene	13.90	228	601603	34.39	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	462571	37.80	ng	#	99
84) Di-n-octyl phthalate	14.47	149	830613	40.90	ng		100
85) Indeno(1,2,3-cd)pyrene	16.69	276	441685	34.69	ng		98
87) Benzo(b)fluoranthene	14.89	252	556288	37.85	ng		97
88) Benzo(k)fluoranthene	14.92	252	548910	38.71	ng		99
89) Benzo(a)pyrene	15.24	252	507726	38.39	ng		99
90) Dibenzo(a,h)anthracene	16.70	278	368142	34.88	ng		99
91) Benzo(g,h,i)perylene	17.10	276	357961	33.67	ng		97

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

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