Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
Data File : BF102409.D
Acq On : 25 Jan 2018 00:08
Operator : SJ/JU
Sample : J1236-04MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20A-5MSD

Manual Integrations APPROVED
Sohil
1/25/2018 5:30:42 PM

Quant Time: Jan 25 09:47:14 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 00:43:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	98202m	20.00	ng		0.02
21) Naphthalene-d8	8.01	136	436865m	20.00	ng		0.01
38) Acenaphthene-d10	9.76	164	229854m	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	348888m	20.00	ng		0.00
75) Chrysene-d12	13.88	240	216438m	20.00	ng		0.00
86) Perylene-d12	15.30	264	227258m	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	312323	48.22	ng		0.03
7) Phenol-d6	6.38	99	1021756m	130.86	ng		0.02
23) Nitrobenzene-d5	7.30	82	600788m	79.03	ng		0.02
41) 2,4,6-Tribromophenol	10.55	330	202074m	88.73	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1150671m	73.61	ng		0.00
78) Terphenyl-d14	12.83	244	782625m	81.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	137738	44.760	ng		97
3) Pyridine	3.14	79	388787	48.346	ng		95
4) n-Nitrosodimethylamine	3.12	42	182438	57.868	ng		94
6) Aniline	6.40	93	167892m	16.257	ng		
8) 2-Chlorophenol	6.52	128	311834	45.931	ng		98
10) Phenol	6.39	94	405213	47.536	ng		84
11) bis(2-Chloroethyl)ether	6.47	93	274013m	42.264	ng		
12) 1,3-Dichlorobenzene	6.67	146	311504m	38.579	ng		
13) 1,4-Dichlorobenzene	6.75	146	236901	29.290	ng		94
14) 1,2-Dichlorobenzene	6.91	146	317259	42.883	ng	#	92
15) Benzyl Alcohol	6.88	79	275235	49.960	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.02	45	279700	25.723	ng	#	32
17) 2-Methylphenol	7.00	107	310027m	52.580	ng		
18) Hexachloroethane	7.23	117	183775m	65.203	ng		
19) n-Nitroso-di-n-propylamine	7.16	70	426119m	89.177	ng		
20) 3+4-Methylphenols	7.15	107	444317m	64.072	ng		
22) Acetophenone	7.13	105	957731m	91.965	ng		
24) Nitrobenzene	7.32	77	275237m	35.379	ng		
25) Isophorone	7.56	82	672660m	49.634	ng		
26) 2-Nitrophenol	7.63	139	121902m	29.772	ng		
27) 2,4-Dimethylphenol	7.67	122	277680m	46.704	ng		
28) bis(2-Chloroethoxy)methane	7.76	93	298487m	35.654	ng		
29) 2,4-Dichlorophenol	7.87	162	252917m	41.761	ng		
30) 1,2,4-Trichlorobenzene	7.96	180	237501m	36.584	ng		
31) Naphthalene	8.04	128	2408737m	110.432	ng		
32) Benzoic acid	7.87	122	106838m	21.448	ng		
33) 4-Chloroaniline	8.09	127	62454m	6.809	ng		
34) Hexachlorobutadiene	8.15	225	142154m	40.998	ng		
35) Caprolactam	8.50	113	85441m	42.717	ng		
36) 4-Chloro-3-methylphenol	8.57	107	297748m	46.642	ng		
37) 2-Methylnaphthalene	8.72	142	916908m	63.121	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	257136m	37.183	ng		
40) Hexachlorocyclopentadiene	8.86	237	53755m	17.369	ng		
42) 2,4,6-Trichlorophenol	9.00	196	166956m	36.065	ng		

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	191763m	36.790	ng	
45) 1,1'-Biphenyl	9.18	154	757853m	36.874	ng	
46) 2-Chloronaphthalene	9.20	162	614910m	38.491	ng	
47) 2-Nitroaniline	9.31	65	196257m	39.405	ng	
48) Acenaphthylene	9.62	152	846585m	34.015	ng	
49) Dimethylphthalate	9.49	163	852841m	44.889	ng	
50) 2,6-Dinitrotoluene	9.55	165	144178m	35.198	ng	
51) Acenaphthene	9.79	154	518957m	35.702	ng	
52) 3-Nitroaniline	9.72	138	75517m	15.584	ng	
53) 2,4-Dinitrophenol	9.83	184	5670m	6.638	ng	
54) Dibenzofuran	9.96	168	708691m	36.025	ng	
55) 4-Nitrophenol	9.90	139	214822m	67.160	ng	
56) 2,4-Dinitrotoluene	9.96	165	157362m	31.240	ng	
57) Fluorene	10.30	166	582854m	37.391	ng	
58) 2,3,4,6-Tetrachlorophenol	10.09	232	137054m	36.827	ng	
59) Diethylphthalate	10.18	149	676588m	36.647	ng	
60) 4-Chlorophenyl-phenylether	10.30	204	248196m	36.724	ng	
61) 4-Nitroaniline	10.33	138	162963m	33.703	ng	
62) Azobenzene	10.46	77	599732m	35.480	ng	
64) 4,6-Dinitro-2-methylphenol	10.36	198	11670m	5.014	ng	
65) n-Nitrosodiphenylamine	10.42	169	523315m	40.866	ng	
66) 4-Bromophenyl-phenylether	10.79	248	152845m	40.696	ng	
67) Hexachlorobenzene	10.85	284	151970m	36.180	ng	
68) Atrazine	10.97	200	161351m	42.662	ng	
69) Pentachlorophenol	11.05	266	156166m	70.774	ng	
70) Phenanthrene	11.26	178	771935m	37.969	ng	
71) Anthracene	11.32	178	777980m	37.491	ng	
72) Carbazole	11.48	167	729484m	36.034	ng	
73) Di-n-butylphthalate	11.84	149	8515969m	336.533	ng	
74) Fluoranthene	12.46	202	652888m	31.492	ng	
77) Pyrene	12.69	202	621967m	37.167	ng	
79) Butylbenzylphthalate	13.30	149	305460m	36.679	ng	
80) Benzo(a)anthracene	13.87	228	514580m	38.617	ng	
81) 3,3'-Dichlorobenzidine	13.83	252	51560m	10.548	ng	
82) Chrysene	13.91	228	500433m	36.982	ng	
83) Bis(2-ethylhexyl)phthalate	13.86	149	482409m	43.104	ng	
84) Di-n-octyl phthalate	14.47	149	681516m	37.445	ng	
85) Indeno(1,2,3-cd)pyrene	16.70	276	500858m	44.818	ng	
87) Benzo(b)fluoranthene	14.90	252	526986m	35.777	ng	
88) Benzo(k)fluoranthene	14.93	252	521156m	37.449	ng	
89) Benzo(a)pyrene	15.24	252	512413m	38.572	ng	
90) Dibenzo(a,h)anthracene	16.72	278	426535m	39.636	ng	
91) Benzo(g,h,i)perylene	17.12	276	405677m	38.180	ng	

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

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