Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099920.D
Acq On : 28 Oct 2017 16:35
Operator : SJ/JU
Sample : I6077-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FILL-PILE-1-COMP-1MS

Manual Integrations APPROVED

Quant Time: Oct 30 10:59:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration

Sohil

10/30/2017 6:20:23 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	94004	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	390264	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	174824	20.00	ng		-0.02
63) Phenanthrene-d10	11.32	188	271897	20.00	ng		-0.02
75) Chrysene-d12	13.96	240	161624	20.00	ng		-0.03
86) Perylene-d12	15.43	264	178775	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	434689	72.60	ng		0.00
7) Phenol-d6	6.43	99	511170	72.00	ng		0.00
23) Nitrobenzene-d5	7.36	82	291454	48.08	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	97650	61.29	ng		-0.02
44) 2-Fluorobiphenyl	9.14	172	594244	52.44	ng		-0.02
78) Terphenyl-d14	12.89	244	397963	53.81	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	53464	20.220	ng	#	89
3) Pyridine	3.35	79	105433	16.581	ng	#	90
4) n-Nitrosodimethylamine	3.27	42	50114	22.061	ng	#	63
6) Aniline	6.46	93	144525	15.700	ng	#	86
8) 2-Chlorophenol	6.57	128	163693	25.651	ng		95
9) Benzaldehyde	6.35	77	75732	17.851	ng		87
10) Phenol	6.45	94	202567	25.987	ng		93
11) bis(2-Chloroethyl)ether	6.52	93	150781	25.049	ng		96
12) 1,3-Dichlorobenzene	6.73	146	167219m	23.337	ng		
13) 1,4-Dichlorobenzene	6.80	146	170424	23.435	ng		97
14) 1,2-Dichlorobenzene	6.96	146	161335	24.342	ng		94
15) Benzyl Alcohol	6.94	79	117269	25.972	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	187127	27.985	ng	#	32
17) 2-Methylphenol	7.05	107	129141	24.193	ng		95
18) Hexachloroethane	7.29	117	53848	22.194	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	103282	24.824	ng		92
20) 3+4-Methylphenols	7.21	107	167707	26.982	ng	#	86
22) Acetophenone	7.20	105	215768	24.282	ng		96
24) Nitrobenzene	7.37	77	150968	24.717	ng		93
25) Isophorone	7.61	82	288028	26.185	ng		97
26) 2-Nitrophenol	7.69	139	86547	24.740	ng	#	85
27) 2,4-Dimethylphenol	7.73	122	140071	27.175	ng		94
28) bis(2-Chloroethoxy)methane	7.82	93	193428	25.109	ng		99
29) 2,4-Dichlorophenol	7.94	162	139073	25.973	ng		97
30) 1,2,4-Trichlorobenzene	8.01	180	138937	24.285	ng		99
31) Naphthalene	8.09	128	464874	24.677	ng		99
33) 4-Chloroaniline	8.15	127	123848	15.921	ng		94
34) Hexachlorobutadiene	8.20	225	70865	24.081	ng		95
35) Caprolactam	8.52	113	27775	16.495	ng	#	70
36) 4-Chloro-3-methylphenol	8.64	107	134198	24.555	ng		90
37) 2-Methylnaphthalene	8.78	142	324630	25.714	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	133114	23.575	ng	#	98
40) Hexachlorocyclopentadiene	8.93	237	7987	18.122	ng		98
42) 2,4,6-Trichlorophenol	9.07	196	83133	24.341	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.12	196	81803	22.570	ng		95
45) 1,1'-Biphenyl	9.25	154	376973	23.836	ng		97
46) 2-Chloronaphthalene	9.27	162	289917	25.242	ng		95
47) 2-Nitroaniline	9.38	65	72423	24.025	ng	#	82
48) Acenaphthylene	9.69	152	426142	24.089	ng		98
49) Dimethylphthalate	9.55	163	441175	31.866	ng		100
50) 2,6-Dinitrotoluene	9.62	165	73168	25.140	ng	#	78
51) Acenaphthene	9.86	154	261775	24.218	ng		99
52) 3-Nitroaniline	9.79	138	68803	20.063	ng		91
53) 2,4-Dinitrophenol	9.98	184	1545	7.009	ng	#	1
54) Dibenzofuran	10.03	168	383356	25.125	ng		99
55) 4-Nitrophenol	9.98	139	50340	28.094	ng	#	79
56) 2,4-Dinitrotoluene	10.03	165	88496	25.248	ng	#	94
57) Fluorene	10.37	166	305856	24.211	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	53460	21.038	ng		95
59) Diethylphthalate	10.24	149	326474	24.148	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	145435	24.461	ng		90
61) 4-Nitroaniline	10.41	138	63850	19.515	ng		84
62) Azobenzene	10.52	77	272092	24.008	ng		90
64) 4,6-Dinitro-2-methylphenol	10.46	198	6016	3.520	ng		85
65) n-Nitrosodiphenylamine	10.48	169	266115	26.514	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	79982	27.942	ng		92
67) Hexachlorobenzene	10.92	284	74943	25.592	ng		99
68) Atrazine	11.01	200	80279	26.627	ng		100
69) Pentachlorophenol	11.13	266	32849	26.252	ng		99
70) Phenanthrene	11.34	178	506708	33.022	ng		99
71) Anthracene	11.39	178	409701	26.304	ng		98
72) Carbazole	11.55	167	332536	22.704	ng		99
73) Di-n-butylphthalate	11.86	149	478875	25.633	ng		99
74) Fluoranthene	12.53	202	442880	27.773	ng		97
76) Benzidine	12.66	184	69059	9.765	ng		97
77) Pyrene	12.76	202	427271	34.766	ng		98
79) Butylbenzylphthalate	13.36	149	150200	24.819	ng		95
80) Benzo(a)anthracene	13.95	228	301495	29.426	ng		97
81) 3,3'-Dichlorobenzidine	13.91	252	78076	20.993	ng		98
82) Chrysene	13.99	228	279292	28.995	ng		98
83) Bis(2-ethylhexyl)phthalate	13.92	149	219317	25.806	ng	#	98
84) Di-n-octyl phthalate	14.53	149	373635	25.615	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.90	276	300954	34.034	ng		98
87) Benzo(b)fluoranthene	15.00	252	305985	27.105	ng		97
88) Benzo(k)fluoranthene	15.03	252	268673	25.239	ng		98
89) Benzo(a)pyrene	15.37	252	288062	28.407	ng		99
90) Dibenzo(a,h)anthracene	16.89	278	236311	26.226	ng		97
91) Benzo(g,h,i)perylene	17.34	276	245111	27.805	ng		97

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

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