Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100740.D
Acq On : 20 Nov 2017 19:53
Operator : SJ/JU
Sample : I6521-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)MS

Manual Integrations APPROVED
SOHIL
11/21/2017 2:15:31 PM

Quant Time: Nov 21 04:39:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	100589	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	398771	20.00	ng		-0.01
38) Acenaphthene-d10	9.91	164	186019	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	361498	20.00	ng		0.00
75) Chrysene-d12	14.03	240	231594	20.00	ng		-0.01
86) Perylene-d12	15.50	264	198974	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	649003	103.43	ng		0.00
7) Phenol-d6	6.50	99	792566	102.42	ng		0.00
23) Nitrobenzene-d5	7.44	82	493538	81.83	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	226652	119.57	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	947823	77.59	ng		-0.01
78) Terphenyl-d14	12.98	244	899051	89.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	84797	27.729	ng		96
3) Pyridine	3.47	79	239154	28.665	ng		96
4) n-Nitrosodimethylamine	3.43	42	119498	29.500	ng	#	98
6) Aniline	6.54	93	227276	20.790	ng		99
8) 2-Chlorophenol	6.66	128	257025	38.718	ng		100
9) Benzaldehyde	6.42	77	89536	16.202	ng		93
10) Phenol	6.52	94	324868	39.992	ng		99
11) bis(2-Chloroethyl)ether	6.61	93	231683	33.955	ng		97
12) 1,3-Dichlorobenzene	6.82	146	280770	36.685	ng		97
13) 1,4-Dichlorobenzene	6.89	146	285831	36.899	ng		96
14) 1,2-Dichlorobenzene	7.05	146	269783	37.668	ng		96
15) Benzyl Alcohol	7.02	79	220456	36.504	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	410737	37.637	ng		98
17) 2-Methylphenol	7.12	107	218042	38.435	ng		98
18) Hexachloroethane	7.38	117	94143	36.860	ng		99
19) n-Nitroso-di-n-propylamine	7.29	70	173695	32.367	ng		96
20) 3+4-Methylphenols	7.27	107	269299	37.513	ng	#	85
22) Acetophenone	7.28	105	341801	35.150	ng		96
24) Nitrobenzene	7.46	77	258784	41.685	ng		96
25) Isophorone	7.69	82	484652	38.237	ng		99
26) 2-Nitrophenol	7.77	139	146320	50.015	ng		94
27) 2,4-Dimethylphenol	7.80	122	244340	43.003	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	308714	37.235	ng		99
29) 2,4-Dichlorophenol	8.01	162	233524	43.052	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	235681	40.168	ng		94
31) Naphthalene	8.17	128	735622	38.300	ng		99
32) Benzoic acid	7.87	122	18565	12.805	ng		97
33) 4-Chloroaniline	8.22	127	89185	11.155	ng		96
34) Hexachlorobutadiene	8.29	225	133886	38.378	ng		99
35) Caprolactam	8.60	113	67172m	36.085	ng		
36) 4-Chloro-3-methylphenol	8.70	107	238107	40.872	ng		96
37) 2-Methylnaphthalene	8.87	142	507640	39.810	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	233693	37.880	ng		97
40) Hexachlorocyclopentadiene	9.02	237	229766	79.132	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	174500	44.629	ng		100
43) 2,4,5-Trichlorophenol	9.19	196	181056	44.693	ng	#	92
45) 1,1'-Biphenyl	9.33	154	605187	37.616	ng		98
46) 2-Chloronaphthalene	9.36	162	483237	41.402	ng		96
47) 2-Nitroaniline	9.45	65	146687	42.850	ng		98
48) Acenaphthylene	9.77	152	737032	38.104	ng		100
49) Dimethylphthalate	9.63	163	632198	44.512	ng		100
50) 2,6-Dinitrotoluene	9.70	165	127638	45.401	ng	#	85
51) Acenaphthene	9.95	154	450174	38.267	ng		100
52) 3-Nitroaniline	9.86	138	88993	26.807	ng		94
53) 2,4-Dinitrophenol	9.97	184	72601	65.165	ng	#	15
54) Dibenzofuran	10.12	168	663385	40.235	ng		99
55) 4-Nitrophenol	10.03	139	206218	76.501	ng		90
56) 2,4-Dinitrotoluene	10.10	165	171121	48.249	ng	#	80
57) Fluorene	10.46	166	530747	43.941	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	147621	44.462	ng	#	85
59) Diethylphthalate	10.33	149	536720	37.763	ng		96
60) 4-Chlorophenyl-phenylether	10.45	204	240471	40.584	ng		91
61) 4-Nitroaniline	10.48	138	138158	43.889	ng		87
62) Azobenzene	10.61	77	477030	35.635	ng		95
64) 4,6-Dinitro-2-methylphenol	10.51	198	82633	45.759	ng		75
65) n-Nitrosodiphenylamine	10.57	169	481180	38.281	ng		97
66) 4-Bromophenyl-phenylether	10.94	248	156971	40.506	ng	#	88
67) Hexachlorobenzene	11.01	284	162817	40.172	ng	#	81
68) Atrazine	11.10	200	154047	40.487	ng		96
69) Pentachlorophenol	11.20	266	185831	63.942	ng		96
70) Phenanthrene	11.42	178	764980	40.192	ng		98
71) Anthracene	11.47	178	837927	43.393	ng		100
72) Carbazole	11.63	167	700351	39.306	ng		98
73) Di-n-butylphthalate	11.95	149	820534	39.352	ng		99
74) Fluoranthene	12.61	202	1002313	49.689	ng		98
76) Benzidine	12.73	184	180752	19.488	ng		98
77) Pyrene	12.84	202	969389	58.719	ng		100
79) Butylbenzylphthalate	13.45	149	304267	45.193	ng	#	90
80) Benzo(a)anthracene	14.02	228	653495	46.857	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	98206	19.654	ng	#	97
82) Chrysene	14.06	228	597919	44.273	ng		100
83) Bis(2-ethylhexyl)phthalate	14.00	149	389303	43.964	ng		99
84) Di-n-octyl phthalate	14.62	149	539915	35.492	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	582614	53.335	ng		94
87) Benzo(b)fluoranthene	15.07	252	497634	42.215	ng		99
88) Benzo(k)fluoranthene	15.10	252	461465	41.431	ng		98
89) Benzo(a)pyrene	15.44	252	475103	45.462	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	446411	52.232	ng		97
91) Benzo(g,h,i)perylene	17.44	276	514053	61.444	ng		93

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

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