Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101154.D
Acq On : 6 Dec 2017 5:34
Operator : SJ/JU
Sample : I6702-12MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-1-E(7-8)MS

Manual Integrations APPROVED
Sohil
12/6/2017 5:12:45 PM

Quant Time: Dec 06 07:21:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	55423	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	215550	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	96977	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	174116	20.00	ng		0.00
75) Chrysene-d12	14.02	240	106523	20.00	ng		0.00
86) Perylene-d12	15.49	264	114425	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	335861	100.14	ng		0.02
7) Phenol-d6	6.49	99	401749	98.66	ng		0.00
23) Nitrobenzene-d5	7.42	82	245708	68.00	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	101879	87.45	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	502802	70.94	ng		0.00
78) Terphenyl-d14	12.96	244	400042	82.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	41805	30.142	ng		97
3) Pyridine	3.47	79	102009m	28.372	ng		
4) n-Nitrosodimethylamine	3.42	42	59923	34.124	ng	#	93
6) Aniline	6.52	93	65256	12.323	ng		98
8) 2-Chlorophenol	6.63	128	126511	34.594	ng		98
9) Benzaldehyde	6.40	77	46540	18.673	ng		96
10) Phenol	6.50	94	155293	34.297	ng		95
11) bis(2-Chloroethyl)ether	6.59	93	111346	32.785	ng		99
12) 1,3-Dichlorobenzene	6.79	146	144962	34.043	ng		99
13) 1,4-Dichlorobenzene	6.86	146	146051	33.128	ng		98
14) 1,2-Dichlorobenzene	7.02	146	138823	33.759	ng		99
15) Benzyl Alcohol	6.99	79	106885	33.985	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	175040	37.916	ng		98
17) 2-Methylphenol	7.10	107	100996	34.202	ng		97
18) Hexachloroethane	7.36	117	45417	32.065	ng		90
19) n-Nitroso-di-n-propylamine	7.26	70	85636	31.227	ng		95
20) 3+4-Methylphenols	7.26	107	129094	33.521	ng	#	67
22) Acetophenone	7.26	105	165727	31.824	ng	#	89
24) Nitrobenzene	7.43	77	123328	34.825	ng		99
25) Isophorone	7.67	82	221393	35.870	ng		100
26) 2-Nitrophenol	7.75	139	64824	33.345	ng		91
27) 2,4-Dimethylphenol	7.79	122	105853	37.640	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	139411	33.607	ng		99
29) 2,4-Dichlorophenol	7.99	162	107991	35.278	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	116187	34.518	ng		99
31) Naphthalene	8.15	128	358291	33.726	ng		99
32) Benzoic acid	7.90	122	35569	16.262	ng		95
33) 4-Chloroaniline	8.20	127	25533	5.982	ng		98
34) Hexachlorobutadiene	8.26	225	68803	33.327	ng		97
35) Caprolactam	8.58	113	29523	30.947	ng		92
36) 4-Chloro-3-methylphenol	8.69	107	108174	34.114	ng		99
37) 2-Methylnaphthalene	8.85	142	243318	33.708	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	113575	32.238	ng	#	97
40) Hexachlorocyclopentadiene	8.99	237	28335	27.984	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	74011	35.837	ng		96
43) 2,4,5-Trichlorophenol	9.17	196	76590	34.690	ng		92
45) 1,1'-Biphenyl	9.31	154	284193	31.986	ng		97
46) 2-Chloronaphthalene	9.33	162	227437	36.044	ng		96
47) 2-Nitroaniline	9.43	65	62264	33.352	ng		99
48) Acenaphthylene	9.75	152	342647	33.043	ng		99
49) Dimethylphthalate	9.61	163	300168	38.380	ng		98
50) 2,6-Dinitrotoluene	9.67	165	55915	33.944	ng		94
51) Acenaphthene	9.92	154	198216	31.922	ng		98
52) 3-Nitroaniline	9.85	138	28099	15.168	ng		97
53) 2,4-Dinitrophenol	9.96	184	16108	22.696	ng	#	14
54) Dibenzofuran	10.09	168	299753	33.499	ng		100
55) 4-Nitrophenol	10.02	139	67850	54.310	ng		92
56) 2,4-Dinitrotoluene	10.09	165	72252	32.728	ng	#	91
57) Fluorene	10.44	166	235699	32.402	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	58924	33.332	ng	#	88
59) Diethylphthalate	10.30	149	245520	31.827	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	114185	31.793	ng		89
61) 4-Nitroaniline	10.46	138	47941	24.931	ng		92
62) Azobenzene	10.59	77	209250	31.963	ng		94
64) 4,6-Dinitro-2-methylphenol	10.49	198	15541	13.307	ng		87
65) n-Nitrosodiphenylamine	10.55	169	215811	35.133	ng		96
66) 4-Bromophenyl-phenylether	10.92	248	71300	36.584	ng	#	87
67) Hexachlorobenzene	10.99	284	72207	34.569	ng	#	87
68) Atrazine	11.07	200	67858	36.014	ng		97
69) Pentachlorophenol	11.18	266	61086	53.188	ng		97
70) Phenanthrene	11.40	178	327758	34.182	ng		97
71) Anthracene	11.45	178	332391	34.252	ng		99
72) Carbazole	11.61	167	279772	31.553	ng		98
73) Di-n-butylphthalate	11.93	149	373225	33.583	ng		99
74) Fluoranthene	12.59	202	298846	28.117	ng		93
76) Benzidine	12.71	184	68060	19.648	ng		99
77) Pyrene	12.82	202	290708	39.550	ng		98
79) Butylbenzylphthalate	13.43	149	125388	38.691	ng		93
80) Benzo(a)anthracene	14.01	228	229637	34.143	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	68769	29.524	ng	#	98
82) Chrysene	14.04	228	216921	34.728	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	169554	36.694	ng		99
84) Di-n-octyl phthalate	14.59	149	249299	32.403	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	215758	38.853	ng	#	92
87) Benzo(b)fluoranthene	15.06	252	217757	31.772	ng		98
88) Benzo(k)fluoranthene	15.09	252	225032	33.326	ng	#	96
89) Benzo(a)pyrene	15.43	252	216768	34.789	ng	#	97
90) Dibenzo(a,h)anthracene	16.99	278	184511	33.589	ng	#	94
91) Benzo(g,h,i)perylene	17.43	276	165984	32.063	ng	#	93

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

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