Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101671.D
Acq On : 22 Dec 2017 23:17
Operator : SJ/JU
Sample : I6966-03MS 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-WW-3-4-10MS

Manual Integrations APPROVED
Sohil
12/26/2017 1:37:35 PM

Quant Time: Dec 26 10:07:02 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	136981	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	517927	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	199100	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	319553	20.00	ng		0.00
75) Chrysene-d12	13.97	240	265261	20.00	ng		0.00
86) Perylene-d12	15.43	264	264684	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	90473	9.84	ng		0.02
7) Phenol-d6	6.44	99	141225	12.34	ng		0.00
23) Nitrobenzene-d5	7.36	82	82262	8.84	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	23142	12.06	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	166615	12.98	ng		0.00
78) Terphenyl-d14	12.89	244	119845	10.89	ng		-0.01
Target Compounds							Qvalue
8) 2-Chlorophenol	6.59	128	27697	2.863	ng		97
10) Phenol	6.46	94	47840	3.668	ng		94
11) bis(2-Chloroethyl)ether	6.53	93	31082	3.038	ng		93
12) 1,3-Dichlorobenzene	6.73	146	28807	2.639	ng		92
13) 1,4-Dichlorobenzene	6.80	146	30131	2.703	ng		96
14) 1,2-Dichlorobenzene	6.96	146	29400	2.930	ng		96
15) Benzyl Alcohol	6.96	79	26443	3.357	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	53288	3.403	ng		67
17) 2-Methylphenol	7.06	107	27625	3.105	ng	#	76
18) Hexachloroethane	7.29	117	7757	2.001	ng		92
19) n-Nitroso-di-n-propylamine	7.19	70	25185	3.351	ng		95
20) 3+4-Methylphenols	7.23	107	36439	3.864	ng		92
22) Acetophenone	7.21	105	49146	4.159	ng	#	97
24) Nitrobenzene	7.38	77	31959	3.104	ng		92
25) Isophorone	7.61	82	67933	3.640	ng		96
26) 2-Nitrophenol	7.71	139	10552	2.385	ng		93
27) 2,4-Dimethylphenol	7.74	122	28023	3.729	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	41580	3.507	ng		97
29) 2,4-Dichlorophenol	7.99	162	23491	3.164	ng		93
30) 1,2,4-Trichlorobenzene	8.02	180	26813	3.422	ng		96
31) Naphthalene	8.09	128	93858	3.600	ng		98
32) Benzoic acid	7.91	122	2293m	8.339	ng		
33) 4-Chloroaniline	8.17	127	22824	2.014	ng		95
34) Hexachlorobutadiene	8.20	225	14980	3.305	ng		95
35) Caprolactam	8.50	113	7421	2.878	ng	#	72
36) 4-Chloro-3-methylphenol	8.65	107	27449	3.363	ng		94
37) 2-Methylnaphthalene	8.79	142	62998	3.708	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	27964	4.160	ng		97
42) 2,4,6-Trichlorophenol	9.08	196	15576	3.849	ng		92
43) 2,4,5-Trichlorophenol	9.14	196	15688	3.540	ng	#	91
45) 1,1'-Biphenyl	9.25	154	76071	4.308	ng		97
46) 2-Chloronaphthalene	9.27	162	54709	4.049	ng		95
47) 2-Nitroaniline	9.39	65	19117	4.096	ng		86
48) Acenaphthylene	9.69	152	78535	3.680	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dimethylphthalate	9.54	163	68362	4.269	ng		100
50) 2,6-Dinitrotoluene	9.62	165	9609	2.952	ng		92
51) Acenaphthene	9.86	154	48345	3.771	ng		98
52) 3-Nitroaniline	9.81	138	12761	3.145	ng	#	97
54) Dibenzofuran	10.03	168	68334	4.194	ng		96
56) 2,4-Dinitrotoluene	10.05	165	11707	3.192	ng	#	92
57) Fluorene	10.37	166	54704	3.969	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	11366	3.570	ng	#	88
59) Diethylphthalate	10.23	149	63478	4.003	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	26763	4.052	ng	#	87
61) 4-Nitroaniline	10.42	138	13570	3.327	ng		99
62) Azobenzene	10.52	77	54313	3.306	ng		99
65) n-Nitrosodiphenylamine	10.48	169	49516	4.197	ng		95
66) 4-Bromophenyl-phenylether	10.85	248	14664	4.084	ng		91
67) Hexachlorobenzene	10.93	284	14151	3.724	ng	#	90
68) Atrazine	11.00	200	14937	4.246	ng		97
69) Pentachlorophenol	11.15	266	5223	9.801	ng	#	86
70) Phenanthrene	11.34	178	73976	4.163	ng		99
71) Anthracene	11.39	178	69601	3.834	ng		99
72) Carbazole	11.56	167	61538	3.621	ng		99
73) Di-n-butylphthalate	11.86	149	87436	4.239	ng		99
74) Fluoranthene	12.53	202	70031	3.754	ng		99
76) Benzidine	12.66	184	22737	2.029	ng	#	87
77) Pyrene	12.76	202	70892	3.561	ng		98
79) Butylbenzylphthalate	13.36	149	29454	3.270	ng	#	89
80) Benzo(a)anthracene	13.96	228	64565	3.686	ng		98
81) 3,3'-Dichlorobenzidine	13.92	252	17988	3.150	ng	#	89
82) Chrysene	13.99	228	65167	3.940	ng		97
83) Bis(2-ethylhexyl)phthalate	13.92	149	41535	3.640	ng		96
84) Di-n-octyl phthalate	14.53	149	75519	3.711	ng	#	99
85) Indeno(1,2,3-cd)pyrene	16.91	276	55541	3.771	ng		96
87) Benzo(b)fluoranthene	15.01	252	59092	3.663	ng	#	77
88) Benzo(k)fluoranthene	15.04	252	57944	3.694	ng	#	83
89) Benzo(a)pyrene	15.37	252	54378	3.656	ng	#	76
90) Dibenzo(a,h)anthracene	16.91	278	47837	3.746	ng	#	91
91) Benzo(g,h,i)perylene	17.36	276	44499	3.519	ng	#	89

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

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