Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101301.D
Acq On : 11 Dec 2017 20:29
Operator : SJ/JU
Sample : I6764-08MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAP-2-E(7-8)MSD

Manual Integrations APPROVED
Sohil
12/12/2017 3:59:18 PM

Quant Time: Dec 12 02:23:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	45048	20.00	ng		0.01
21) Naphthalene-d8	8.12	136	175910	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	74807	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	122900	20.00	ng		0.00
75) Chrysene-d12	14.02	240	94481	20.00	ng		0.01
86) Perylene-d12	15.49	264	79262	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	404428	148.35	ng		0.02
7) Phenol-d6	6.48	99	485759	146.76	ng		0.02
23) Nitrobenzene-d5	7.40	82	295573	100.23	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	105989	117.94	ng		0.01
44) 2-Fluorobiphenyl	9.19	172	572718	104.75	ng		0.00
78) Terphenyl-d14	12.95	244	425126	98.42	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	45497	40.359	ng		97
3) Pyridine	3.40	79	122224	41.824	ng		93
4) n-Nitrosodimethylamine	3.37	42	72543	50.825	ng	#	88
6) Aniline	6.50	93	139228	32.349	ng		98
8) 2-Chlorophenol	6.62	128	149348	50.244	ng		98
9) Benzaldehyde	6.39	77	44391	21.913	ng		95
10) Phenol	6.49	94	190576	51.783	ng		81
11) bis(2-Chloroethyl)ether	6.57	93	134676	48.787	ng		99
12) 1,3-Dichlorobenzene	6.77	146	166085	47.986	ng		96
13) 1,4-Dichlorobenzene	6.85	146	170757	47.652	ng		97
14) 1,2-Dichlorobenzene	7.00	146	159928	47.848	ng		97
15) Benzyl Alcohol	6.98	79	123594	48.348	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	208818	55.650	ng		79
17) 2-Methylphenol	7.09	107	119331	49.718	ng	#	94
18) Hexachloroethane	7.34	117	46670	40.538	ng		91
19) n-Nitroso-di-n-propylamine	7.25	70	100630	45.145	ng		96
20) 3+4-Methylphenols	7.25	107	154119	49.236	ng	#	68
22) Acetophenone	7.25	105	195252	45.943	ng	#	87
24) Nitrobenzene	7.42	77	147490	51.032	ng		100
25) Isophorone	7.66	82	266376	52.884	ng		98
26) 2-Nitrophenol	7.73	139	69541	43.832	ng		99
27) 2,4-Dimethylphenol	7.77	122	131221	57.175	ng		100
28) bis(2-Chloroethoxy)methane	7.86	93	168746	49.845	ng		98
29) 2,4-Dichlorophenol	7.98	162	126751	50.737	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	134689	49.031	ng		97
31) Naphthalene	8.14	128	417345	48.138	ng		100
32) Benzoic acid	7.88	122	14566	8.160	ng		92
33) 4-Chloroaniline	8.19	127	84130	24.151	ng		96
34) Hexachlorobutadiene	8.25	225	81143	48.161	ng		98
35) Caprolactam	8.57	113	37562m	48.246	ng		
36) 4-Chloro-3-methylphenol	8.69	107	126690	48.957	ng		95
37) 2-Methylnaphthalene	8.83	142	281361	47.762	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	125224	46.079	ng	#	96
40) Hexachlorocyclopentadiene	8.97	237	3900	11.707	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	83934	52.687	ng		97
43) 2,4,5-Trichlorophenol	9.16	196	85682	50.309	ng		93
45) 1,1'-Biphenyl	9.29	154	322758	47.092	ng		98
46) 2-Chloronaphthalene	9.32	162	254386	52.263	ng		97
47) 2-Nitroaniline	9.42	65	75319	52.301	ng		97
48) Acenaphthylene	9.74	152	375590	46.954	ng		99
49) Dimethylphthalate	9.59	163	349888	57.996	ng		100
50) 2,6-Dinitrotoluene	9.67	165	59855	47.104	ng	#	84
51) Acenaphthene	9.91	154	219265	45.777	ng		98
52) 3-Nitroaniline	9.84	138	61037	42.714	ng		93
53) 2,4-Dinitrophenol	9.97	184	1952	7.634	ng	#	13
54) Dibenzofuran	10.08	168	324365	46.992	ng		99
55) 4-Nitrophenol	10.01	139	68460	71.038	ng		96
56) 2,4-Dinitrotoluene	10.08	165	69990	41.100	ng	#	92
57) Fluorene	10.43	166	249118	44.397	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	59400	43.559	ng	#	86
59) Diethylphthalate	10.29	149	286372	48.125	ng		97
60) 4-Chlorophenyl-phenylether	10.41	204	129178	46.627	ng		93
61) 4-Nitroaniline	10.46	138	62172	41.913	ng		90
62) Azobenzene	10.57	77	229943	45.534	ng		94
64) 4,6-Dinitro-2-methylphenol	10.49	198	3454	4.190	ng		86
65) n-Nitrosodiphenylamine	10.53	169	239089	55.143	ng		95
66) 4-Bromophenyl-phenylether	10.90	248	76358	55.507	ng	#	85
67) Hexachlorobenzene	10.98	284	73971	50.172	ng	#	82
68) Atrazine	11.06	200	68984	51.868	ng		96
69) Pentachlorophenol	11.17	266	53043	65.431	ng		96
70) Phenanthrene	11.39	178	320236	47.316	ng		98
71) Anthracene	11.45	178	329831	48.152	ng		98
72) Carbazole	11.60	167	288554	46.106	ng		99
73) Di-n-butylphthalate	11.92	149	392889	50.085	ng		98
74) Fluoranthene	12.59	202	308732	41.152	ng		93
76) Benzidine	12.70	184	180650	58.799	ng		97
77) Pyrene	12.82	202	312566	47.943	ng		99
79) Butylbenzylphthalate	13.42	149	136291	47.416	ng		93
80) Benzo(a)anthracene	14.00	228	285272	47.821	ng		97
81) 3,3'-Dichlorobenzidine	13.96	252	101977	49.361	ng	#	98
82) Chrysene	14.04	228	270033	48.741	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	192378	46.940	ng		98
84) Di-n-octyl phthalate	14.59	149	326192	47.802	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	201099	40.829	ng	#	92
87) Benzo(b)fluoranthene	15.06	252	242026	50.979	ng		97
88) Benzo(k)fluoranthene	15.09	252	234122	50.053	ng	#	96
89) Benzo(a)pyrene	15.43	252	215687	49.972	ng		99
90) Dibenzo(a,h)anthracene	17.00	278	174740	45.923	ng	#	91
91) Benzo(g,h,i)perylene	17.44	276	158728	44.264	ng	#	91

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

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