Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
Data File : BF100247.D
Acq On : 6 Nov 2017 13:07
Operator : SJ/JU
Sample : I6092-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Manual Integrations APPROVED
Sohil
11/7/2017 5:39:37 PM

Quant Time: Nov 07 10:12:52 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 06 13:31:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	92690	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	384454	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	183813	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	333448	20.00	ng		0.00
75) Chrysene-d12	13.94	240	233106	20.00	ng		0.00
86) Perylene-d12	15.41	264	69297	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	746680	126.47	ng		0.03
7) Phenol-d6	6.42	99	793472	113.35	ng		0.00
23) Nitrobenzene-d5	7.33	82	514975	86.24	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	209221	124.90	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	1036541	87.00	ng		0.00
78) Terphenyl-d14	12.87	244	957090	89.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	92607m	35.520	ng		
3) Pyridine	3.49	79	123779m	19.743	ng		
4) n-Nitrosodimethylamine	3.37	42	80572m	35.972	ng		
6) Aniline	6.46	93	22497m	2.478	ng		
8) 2-Chlorophenol	6.56	128	283025	44.979	ng		90
9) Benzaldehyde	6.36	77	32993	7.887	ng		86
10) Phenol	6.43	94	273132	35.536	ng		90
11) bis(2-Chloroethyl)ether	6.50	93	260536	43.896	ng		91
12) 1,3-Dichlorobenzene	6.70	146	306370m	43.363	ng		
13) 1,4-Dichlorobenzene	6.77	146	320525	44.700	ng		97
14) 1,2-Dichlorobenzene	6.93	146	288041	44.076	ng		97
15) Benzyl Alcohol	6.93	79	123104	27.651	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.03	45	321917	48.825	ng		72
17) 2-Methylphenol	7.03	107	223280	42.421	ng	#	90
18) Hexachloroethane	7.26	117	103475	43.254	ng		96
19) n-Nitroso-di-n-propylamine	7.18	70	180145	43.912	ng	#	87
20) 3+4-Methylphenols	7.20	107	300957	49.107	ng		96
22) Acetophenone	7.18	105	386877	44.196	ng	#	90
24) Nitrobenzene	7.35	77	268921	44.694	ng		92
25) Isophorone	7.59	82	509578	47.027	ng		98
26) 2-Nitrophenol	7.67	139	163960	47.577	ng	#	85
27) 2,4-Dimethylphenol	7.71	122	258303	50.870	ng		94
28) bis(2-Chloroethoxy)methane	7.79	93	292238	38.509	ng		99
29) 2,4-Dichlorophenol	7.92	162	259495	49.195	ng		97
30) 1,2,4-Trichlorobenzene	7.98	180	247133	43.849	ng		99
31) Naphthalene	8.06	128	835177	45.004	ng		99
32) Benzoic acid	7.89	122	165184	36.959	ng		88
33) 4-Chloroaniline	8.17	127	15769	2.058	ng	#	75
34) Hexachlorobutadiene	8.16	225	125818	43.401	ng		100
35) Caprolactam	8.52	113	59242m	35.714	ng		
36) 4-Chloro-3-methylphenol	8.63	107	248238	46.108	ng		92
37) 2-Methylnaphthalene	8.75	142	578826	46.543	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	240362	40.487	ng		98
40) Hexachlorocyclopentadiene	8.89	237	58346	54.191	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	162718	45.313	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	155866	40.902	ng	#	93
45) 1,1'-Biphenyl	9.22	154	695405	41.820	ng		97
46) 2-Chloronaphthalene	9.25	162	544780	45.112	ng		96
47) 2-Nitroaniline	9.36	65	119128	37.586	ng	#	83
48) Acenaphthylene	9.66	152	784576	42.182	ng		100
49) Dimethylphthalate	9.53	163	616451	42.349	ng		98
50) 2,6-Dinitrotoluene	9.60	165	141862	46.358	ng	#	82
51) Acenaphthene	9.83	154	494613	43.521	ng		98
52) 3-Nitroaniline	9.80	138	18649	5.172	ng	#	92
53) 2,4-Dinitrophenol	9.91	184	126310	102.776	ng	#	78
54) Dibenzofuran	10.00	168	741246	46.205	ng		100
55) 4-Nitrophenol	9.97	139	67315m	35.730	ng		
56) 2,4-Dinitrotoluene	10.02	165	195298	52.994	ng	#	76
57) Fluorene	10.35	166	588543	44.309	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	125710	47.050	ng		91
59) Diethylphthalate	10.22	149	603872	42.481	ng		98
60) 4-Chlorophenyl-phenylether	10.33	204	271924	43.499	ng		93
61) 4-Nitroaniline	10.40	138	52041	15.128	ng		82
62) Azobenzene	10.50	77	498145	41.804	ng		86
64) 4,6-Dinitro-2-methylphenol	10.43	198	87205	41.604	ng	#	74
65) n-Nitrosodiphenylamine	10.46	169	185352	15.058	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	157402	44.839	ng		94
67) Hexachlorobenzene	10.90	284	159994	44.550	ng		95
68) Atrazine	10.99	200	17389	4.703	ng		95
69) Pentachlorophenol	11.11	266	117421	76.517	ng		98
70) Phenanthrene	11.32	178	831479	44.185	ng		98
71) Anthracene	11.37	178	855690	44.797	ng		99
72) Carbazole	11.53	167	246352	13.715	ng		97
73) Di-n-butylphthalate	11.84	149	949904	41.461	ng	#	98
74) Fluoranthene	12.51	202	846846	43.303	ng		98
77) Pyrene	12.74	202	832756	46.981	ng		99
79) Butylbenzylphthalate	13.34	149	386802	44.315	ng		87
80) Benzo(a)anthracene	13.93	228	648472	43.883	ng		98
82) Chrysene	13.97	228	652426	46.962	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	541871	44.207	ng		100
84) Di-n-octyl phthalate	14.50	149	868058	41.261	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.87	276	394592	30.939	ng		96
87) Benzo(b)fluoranthene	14.98	252	499087	114.057	ng		98
88) Benzo(k)fluoranthene	15.01	252	522041	126.518	ng		98
89) Benzo(a)pyrene	15.34	252	406460	103.407	ng		97
90) Dibenzo(a,h)anthracene	16.86	278	366122	104.826	ng		98
91) Benzo(g,h,i)perylene	17.32	276	327366	95.804	ng		97

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

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