Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
Data File : BF092979.D
Acq On : 16 Feb 2017 6:27
Operator : SJ/MA
Sample : I1790-02MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MS

Manual Integrations APPROVED
mohammad
2/16/2017 11:39:45 AM

Quant Time: Feb 16 07:26:50 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	158335	20.00	ng		-0.01
21) Naphthalene-d8	8.17	136	637848	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	326393	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	472004	20.00	ng		-0.01
75) Chrysene-d12	14.03	240	346136	20.00	ng		-0.02
86) Perylene-d12	15.46	264	290891	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1305892	141.50	ng		0.01
7) Phenol-d6	6.52	99	1556887	131.11	ng		-0.01
23) Nitrobenzene-d5	7.45	82	1020894	89.13	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	295379	125.12	ng		-0.01
44) 2-Fluorobiphenyl	9.24	172	1822237	101.14	ng		0.00
78) Terphenyl-d14	12.98	244	1334913	90.62	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	205621	41.23	ng	#	72
3) Pyridine	3.36	79	399228m	31.48	ng		
4) n-Nitrosodimethylamine	3.29	42	271510	45.60	ng		86
6) Aniline	6.54	93	170211	10.51	ng	#	79
8) 2-Chlorophenol	6.67	128	489588	48.09	ng		90
9) Benzaldehyde	6.42	77	38273	4.50	ng		88
10) Phenol	6.53	94	594497	42.79	ng	#	77
11) bis(2-Chloroethyl)ether	6.61	93	500636	45.15	ng		91
12) 1,3-Dichlorobenzene	6.82	146	568463	47.67	ng		100
13) 1,4-Dichlorobenzene	6.89	146	549575	45.53	ng		99
14) 1,2-Dichlorobenzene	7.05	146	530464	45.96	ng		99
15) Benzyl Alcohol	7.02	79	415291	47.24	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	916825	47.59	ng		95
17) 2-Methylphenol	7.14	107	417520	47.80	ng		95
18) Hexachloroethane	7.39	117	186781	45.33	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	343130	45.39	ng		96
20) 3+4-Methylphenols	7.30	107	501174	47.99	ng		95
22) Acetophenone	7.29	105	685604	47.08	ng	#	96
24) Nitrobenzene	7.47	77	623120	52.98	ng	#	89
25) Isophorone	7.71	82	1043255	48.88	ng		100
26) 2-Nitrophenol	7.78	139	265115	47.42	ng		92
27) 2,4-Dimethylphenol	7.82	122	461293	46.98	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	635050	44.92	ng		99
29) 2,4-Dichlorophenol	8.03	162	452767	49.44	ng		96
30) 1,2,4-Trichlorobenzene	8.11	180	469557	47.58	ng		98
31) Naphthalene	8.19	128	1477616	45.70	ng		99
32) Benzoic acid	7.96	122	291078	51.68	ng		98
33) 4-Chloroaniline	8.24	127	78390	6.18	ng		96
34) Hexachlorobutadiene	8.30	225	245793	45.27	ng		98
35) Caprolactam	8.61	113	118020m	40.97	ng		
36) 4-Chloro-3-methylphenol	8.73	107	441749	46.27	ng		98
37) 2-Methylnaphthalene	8.88	142	962376	46.36	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	414921	45.29	ng		99
40) Hexachlorocyclopentadiene	9.02	237	225928	54.66	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	301365	50.06	ng		96
43) 2,4,5-Trichlorophenol	9.21	196	320796	48.63	ng	#	86
45) 1,1'-Biphenyl	9.34	154	1119773	47.38	ng		98
46) 2-Chloronaphthalene	9.37	162	940750	50.88	ng		96
47) 2-Nitroaniline	9.46	65	267587	43.05	ng		96
48) Acenaphthylene	9.78	152	1385920	43.39	ng		99
49) Dimethylphthalate	9.64	163	1032889	46.98	ng		99
50) 2,6-Dinitrotoluene	9.71	165	248755	52.39	ng	#	75
51) Acenaphthene	9.95	154	862243	45.15	ng		95
52) 3-Nitroaniline	9.87	138	70390	12.95	ng		89
53) 2,4-Dinitrophenol	9.98	184	177753	73.97	ng	#	90
54) Dibenzofuran	10.12	168	1233323	48.29	ng		94
55) 4-Nitrophenol	10.04	139	319534	81.65	ng		94
56) 2,4-Dinitrotoluene	10.11	165	312080	49.37	ng		91
57) Fluorene	10.46	166	933194	47.49	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	221707	50.38	ng		96
59) Diethylphthalate	10.34	149	1017316	49.10	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	420437	44.54	ng	#	85
61) 4-Nitroaniline	10.49	138	215465	38.72	ng		89
62) Azobenzene	10.61	77	1010317m	47.20	ng		
64) 4,6-Dinitro-2-methylphenol	10.52	198	119723	42.02	ng		86
65) n-Nitrosodiphenylamine	10.58	169	843118	55.92	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	265043	53.75	ng	#	83
67) Hexachlorobenzene	11.01	284	244298	50.13	ng	#	84
68) Atrazine	11.10	200	226870	46.89	ng		93
69) Pentachlorophenol	11.21	266	273593	106.17	ng		98
70) Phenanthrene	11.42	178	1344516	49.72	ng		98
71) Anthracene	11.47	178	1188916	43.78	ng		99
72) Carbazole	11.63	167	1225535	47.21	ng		98
73) Di-n-butylphthalate	11.96	149	1514855	53.96	ng	#	95
74) Fluoranthene	12.60	202	1089932	39.07	ng		98
76) Benzidine	12.73	184	78429	5.32	ng		97
77) Pyrene	12.83	202	1082199	41.78	ng		99
79) Butylbenzylphthalate	13.45	149	540369	51.37	ng		95
80) Benzo(a)anthracene	14.02	228	924882	43.69	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	206987	27.43	ng	#	96
82) Chrysene	14.05	228	745712	37.62	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	751812	52.26	ng	#	97
84) Di-n-octyl phthalate	14.61	149	1224739	52.28	ng		100
85) Indeno(1,2,3-cd)pyrene	16.88	276	785303	51.15	ng	#	94
87) Benzo(b)fluoranthene	15.05	252	825277m	43.10	ng		
88) Benzo(k)fluoranthene	15.08	252	863050m	52.21	ng		
89) Benzo(a)pyrene	15.40	252	802400	48.45	ng		97
90) Dibenzo(a,h)anthracene	16.89	278	665153	49.69	ng	#	94
91) Benzo(g,h,i)perylene	17.31	276	640039	47.33	ng	#	92

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

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