Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096449.D
Acq On : 3 Jul 2017 18:57
Operator : SJ/MA
Sample : I3979-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP3-MH2095-COMPMSD

Manual Integrations APPROVED
mohammad
7/5/2017 11:41:36 AM

Quant Time: Jul 04 06:58:01 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	127759	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	512782	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	190404	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	264625	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	215863	20.00	ng	0.00
86) Perylene-d12	15.28	264	159390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1040084	120.16	ng	0.00
7) Phenol-d6	6.37	99	1253465	117.79	ng	0.00
23) Nitrobenzene-d5	7.29	82	647886	75.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	172361	115.89	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1091517	98.02	ng	-0.01
78) Terphenyl-d14	12.83	244	737116	72.97	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.44	88	134647	32.805	ng	# 76
3) Pyridine	3.14	79	394672	35.046	ng	# 65
4) n-Nitrosodimethylamine	3.08	42	230594	41.485	ng	87
6) Aniline	6.39	93	454517	33.047	ng	# 1
8) 2-Chlorophenol	6.52	128	359963	38.996	ng	97
9) Benzaldehyde	6.27	77	157182	23.602	ng	98
10) Phenol	6.39	94	495909	40.906	ng	84
11) bis(2-Chloroethyl)ether	6.47	93	397248	42.401	ng	94
12) 1,3-Dichlorobenzene	6.67	146	411990	42.567	ng	98
13) 1,4-Dichlorobenzene	6.75	146	416169	43.020	ng	95
14) 1,2-Dichlorobenzene	6.90	146	349223	39.317	ng	97
15) Benzyl Alcohol	6.87	79	276133	38.819	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	730189	38.338	ng	92
17) 2-Methylphenol	6.99	107	282529	38.406	ng	98
18) Hexachloroethane	7.24	117	103355	29.470	ng	# 83
19) n-Nitroso-di-n-propylamine	7.15	70	230952	36.431	ng	# 84
20) 3+4-Methylphenols	7.15	107	329582	40.168	ng	# 78
22) Acetophenone	7.14	105	458698	40.939	ng	# 92
24) Nitrobenzene	7.31	77	334626	37.379	ng	90
25) Isophorone	7.55	82	704350	42.570	ng	96
26) 2-Nitrophenol	7.62	139	121779	25.701	ng	# 87
27) 2,4-Dimethylphenol	7.67	122	350100	43.393	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	500792	45.852	ng	99
29) 2,4-Dichlorophenol	7.87	162	290691	41.760	ng	95
30) 1,2,4-Trichlorobenzene	7.95	180	282316	42.995	ng	98
31) Naphthalene	8.03	128	1049810	43.366	ng	100
33) 4-Chloroaniline	8.08	127	331096	32.928	ng	95
34) Hexachlorobutadiene	8.16	225	148054	43.960	ng	99
35) Caprolactam	8.44	113	97626m	40.671	ng	
36) 4-Chloro-3-methylphenol	8.57	107	289471	37.582	ng	92
37) 2-Methylnaphthalene	8.72	142	665327	43.176	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	230274	46.578	ng	99
40) Hexachlorocyclopentadiene	8.88	237	41497	17.263	ng	98
42) 2,4,6-Trichlorophenol	9.00	196	158760	40.593	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	162111	41.922	ng		95
45) 1,1'-Biphenyl	9.19	154	732519	44.901	ng		97
46) 2-Chloronaphthalene	9.21	162	544894	44.818	ng		95
47) 2-Nitroaniline	9.30	65	206096	46.588	ng		95
48) Acenaphthylene	9.62	152	825906	42.871	ng		99
49) Dimethylphthalate	9.49	163	865438	60.887	ng		99
50) 2,6-Dinitrotoluene	9.55	165	113150	35.998	ng	#	93
51) Acenaphthene	9.79	154	475058	40.005	ng		100
52) 3-Nitroaniline	9.71	138	188597	48.107	ng		95
53) 2,4-Dinitrophenol	9.82	184	3697	2.214	ng	#	74
54) Dibenzofuran	9.96	168	711552	45.385	ng		100
55) 4-Nitrophenol	9.87	139	178856	55.043	ng	#	66
56) 2,4-Dinitrotoluene	9.95	165	122366	30.742	ng	#	88
57) Fluorene	10.31	166	486689	43.953	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	116446	43.524	ng		98
59) Diethylphthalate	10.19	149	580608	43.216	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	214248	44.471	ng		99
61) 4-Nitroaniline	10.32	138	171353	48.069	ng		89
62) Azobenzene	10.46	77	556421	42.832	ng		92
64) 4,6-Dinitro-2-methylphenol	10.35	198	6878	3.769	ng		88
65) n-Nitrosodiphenylamine	10.42	169	461576	49.713	ng		98
66) 4-Bromophenyl-phenylether	10.79	248	125878	48.865	ng		94
67) Hexachlorobenzene	10.86	284	130971	46.445	ng	#	85
68) Atrazine	10.95	200	120386	45.384	ng		95
69) Pentachlorophenol	11.05	266	125644	75.178	ng		97
70) Phenanthrene	11.26	178	683015	47.747	ng		99
71) Anthracene	11.32	178	670758	46.014	ng		99
72) Carbazole	11.47	167	677739	46.230	ng		98
73) Di-n-butylphthalate	11.81	149	842596	47.453	ng		98
74) Fluoranthene	12.45	202	693632	49.456	ng		98
76) Benzidine	12.57	184	482941	46.626	ng	#	93
77) Pyrene	12.67	202	724302	41.803	ng		100
79) Butylbenzylphthalate	13.30	149	331502	37.795	ng	#	82
80) Benzo(a)anthracene	13.86	228	548806	43.903	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	217989	42.458	ng	#	96
82) Chrysene	13.90	228	558217	42.643	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	439882	44.929	ng		99
84) Di-n-octyl phthalate	14.47	149	862177	44.718	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.65	276	393836	38.115	ng		97
87) Benzo(b)fluoranthene	14.88	252	463660	46.425	ng		98
88) Benzo(k)fluoranthene	14.91	252	399691	44.739	ng		96
89) Benzo(a)pyrene	15.23	252	403917	45.299	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	328684	46.856	ng	#	96
91) Benzo(g,h,i)perylene	17.06	276	323519	44.508	ng		98

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

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