Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
Data File : BF096586.D
Acq On : 8 Jul 2017 3:52
Operator : SJ/MA
Sample : I4075-01MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP8-MH2104-COMPMS

Manual Integrations APPROVED
mohammad
7/10/2017 2:23:19 PM

Quant Time: Jul 08 05:00:58 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	92136	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	329910	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	131328	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	219785	20.00	ng		0.00
75) Chrysene-d12	13.84	240	174644	20.00	ng		0.00
86) Perylene-d12	15.24	264	137322	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	641814	102.82	ng		0.00
7) Phenol-d6	6.35	99	819431	106.78	ng		0.00
23) Nitrobenzene-d5	7.26	82	452864	82.49	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	127354	124.15	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	640339	83.37	ng		0.00
78) Terphenyl-d14	12.79	244	500504	61.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	87695	29.627	ng	#	77
3) Pyridine	3.07	79	244221	30.071	ng	#	67
4) n-Nitrosodimethylamine	3.00	42	140034	34.933	ng		83
6) Aniline	6.36	93	243011	24.500	ng	#	1
8) 2-Chlorophenol	6.49	128	230544	34.632	ng		97
9) Benzaldehyde	6.25	77	154045	32.074	ng		97
10) Phenol	6.36	94	318511	36.431	ng		83
11) bis(2-Chloroethyl)ether	6.44	93	239457	35.441	ng		96
12) 1,3-Dichlorobenzene	6.64	146	254472	36.458	ng		98
13) 1,4-Dichlorobenzene	6.72	146	257991	36.980	ng		96
14) 1,2-Dichlorobenzene	6.87	146	223835	34.944	ng		98
15) Benzyl Alcohol	6.84	79	175945	34.298	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	451454	32.868	ng		91
17) 2-Methylphenol	6.96	107	175098	33.005	ng		97
18) Hexachloroethane	7.22	117	59705	23.606	ng	#	85
19) n-Nitroso-di-n-propylamine	7.12	70	144216	31.544	ng	#	86
20) 3+4-Methylphenols	7.12	107	208339	35.209	ng	#	84
22) Acetophenone	7.11	105	283420	39.317	ng	#	95
24) Nitrobenzene	7.28	77	226018	39.242	ng		93
25) Isophorone	7.52	82	423095	39.746	ng		97
26) 2-Nitrophenol	7.60	139	106115	34.809	ng		90
27) 2,4-Dimethylphenol	7.65	122	206801	39.840	ng		95
28) bis(2-Chloroethoxy)methane	7.73	93	294309	41.883	ng		98
29) 2,4-Dichlorophenol	7.85	162	184902	41.287	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	159349	37.719	ng		99
31) Naphthalene	8.00	128	581534	37.338	ng		100
32) Benzoic acid	7.72	122	24268	5.567	ng		91
33) 4-Chloroaniline	8.05	127	113791	17.590	ng		95
34) Hexachlorobutadiene	8.13	225	82800	38.213	ng		96
35) Caprolactam	8.40	113	52230m	33.820	ng		
36) 4-Chloro-3-methylphenol	8.54	107	167047	33.709	ng		87
37) 2-Methylnaphthalene	8.70	142	373897	37.713	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	134624	39.480	ng		99
40) Hexachlorocyclopentadiene	8.85	237	26057	15.716	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	99149	36.755	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	102338	38.369	ng		97
45) 1,1'-Biphenyl	9.16	154	416716	37.033	ng		97
46) 2-Chloronaphthalene	9.18	162	317538	37.866	ng		93
47) 2-Nitroaniline	9.27	65	118998	38.999	ng		91
48) Acenaphthylene	9.59	152	488975	36.799	ng		99
49) Dimethylphthalate	9.46	163	495240	50.515	ng		100
50) 2,6-Dinitrotoluene	9.52	165	71153	32.820	ng	#	85
51) Acenaphthene	9.77	154	283784	34.648	ng		98
52) 3-Nitroaniline	9.68	138	94613	34.990	ng		94
53) 2,4-Dinitrophenol	9.79	184	7383	6.412	ng	#	74
54) Dibenzofuran	9.94	168	435013	40.228	ng		98
55) 4-Nitrophenol	9.85	139	132992	59.339	ng	#	66
56) 2,4-Dinitrotoluene	9.92	165	86639	31.558	ng	#	89
57) Fluorene	10.28	166	315259	41.279	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	77939	42.236	ng	#	97
59) Diethylphthalate	10.16	149	362309	39.099	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	132562	39.893	ng		93
61) 4-Nitroaniline	10.29	138	96614	39.295	ng		90
62) Azobenzene	10.43	77	319005	35.602	ng		92
64) 4,6-Dinitro-2-methylphenol	10.33	198	10717	7.070	ng		87
65) n-Nitrosodiphenylamine	10.39	169	286626	37.169	ng		96
66) 4-Bromophenyl-phenylether	10.76	248	81722	38.197	ng		94
67) Hexachlorobenzene	10.83	284	87093	37.186	ng		95
68) Atrazine	10.92	200	81947	37.196	ng		95
69) Pentachlorophenol	11.02	266	89551	64.514	ng		95
70) Phenanthrene	11.24	178	454341	38.241	ng		98
71) Anthracene	11.29	178	471031	38.905	ng		98
72) Carbazole	11.44	167	463249	38.046	ng		98
73) Di-n-butylphthalate	11.78	149	555876	37.692	ng		99
74) Fluoranthene	12.42	202	472894	40.596	ng		100
76) Benzidine	12.54	184	428918	51.184	ng	#	93
77) Pyrene	12.64	202	488803	34.869	ng		99
79) Butylbenzylphthalate	13.27	149	264367	37.255	ng		89
80) Benzo(a)anthracene	13.83	228	379704	37.545	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	157951	38.026	ng	#	96
82) Chrysene	13.87	228	388282	36.662	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	343465	43.361	ng	#	99
84) Di-n-octyl phthalate	14.44	149	626352	40.154	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.60	276	253138	30.280	ng		98
87) Benzo(b)fluoranthene	14.85	252	326017	37.889	ng		98
88) Benzo(k)fluoranthene	14.87	252	296396	38.509	ng		97
89) Benzo(a)pyrene	15.19	252	288004	37.490	ng		99
90) Dibenzo(a,h)anthracene	16.61	278	213681	35.357	ng		96
91) Benzo(g,h,i)perylene	17.00	276	208711	33.327	ng		98

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

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