Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061217\
Data File : BF095886.D
Acq On : 12 Jun 2017 22:49
Operator : SJ/MA
Sample : IDOC-W-1
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDOC-W-1

Manual Integrations APPROVED
mohammad
6/13/2017 4:10:39 PM

Quant Time: Jun 13 06:50:03 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	66557	20.00	ng		-0.05
21) Naphthalene-d8	9.38	136	282405	20.00	ng		-0.05
38) Acenaphthene-d10	12.20	164	133241	20.00	ng		-0.05
63) Phenanthrene-d10	14.60	188	246334	20.00	ng		-0.05
75) Chrysene-d12	18.32	240	180855	20.00	ng		-0.04
86) Perylene-d12	19.99	264	131490	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	611293	146.35	ng		-0.03
7) Phenol-d6	6.93	99	719148	143.82	ng		-0.03
23) Nitrobenzene-d5	8.27	82	424947	93.45	ng		-0.05
41) 2,4,6-Tribromophenol	13.51	330	164537	139.57	ng		-0.04
44) 2-Fluorobiphenyl	11.17	172	866867	90.54	ng		-0.05
78) Terphenyl-d14	16.98	244	770428	105.72	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	1.75	88	74382	37.434	ng		97
3) Pyridine	2.29	79	184994	39.613	ng		98
4) n-Nitrosodimethylamine	2.26	42	80500	45.340	ng		85
6) Aniline	6.86	93	224498	34.317	ng		94
8) 2-Chlorophenol	7.04	128	221428	49.858	ng		95
9) Benzaldehyde	6.67	77	63688	18.882	ng		96
10) Phenol	6.94	94	256204	49.391	ng		89
11) bis(2-Chloroethyl)ether	7.00	93	193060	46.982	ng		94
12) 1,3-Dichlorobenzene	7.25	146	225866	44.932	ng		98
13) 1,4-Dichlorobenzene	7.37	146	230564	45.229	ng		95
14) 1,2-Dichlorobenzene	7.61	146	217848	46.355	ng		96
15) Benzyl Alcohol	7.66	79	172766	50.338	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.85	45	267074	46.260	ng		97
17) 2-Methylphenol	7.89	107	185672	49.817	ng		93
18) Hexachloroethane	8.13	117	76627	45.512	ng		89
19) n-Nitroso-di-n-propylamine	8.09	70	151801	47.903	ng		94
20) 3+4-Methylphenols	8.15	107	239886	50.704	ng	#	60
22) Acetophenone	8.05	105	304560	46.076	ng	#	83
24) Nitrobenzene	8.30	77	212346	43.716	ng		92
25) Isophorone	8.70	82	387804	45.674	ng		95
26) 2-Nitrophenol	8.81	139	122603	48.201	ng		98
27) 2,4-Dimethylphenol	8.96	122	200403	50.768	ng		98
28) bis(2-Chloroethoxy)methane	9.08	93	253577	45.307	ng		99
29) 2,4-Dichlorophenol	9.24	162	181921	47.853	ng		99
30) 1,2,4-Trichlorobenzene	9.32	180	177845	44.958	ng		98
31) Naphthalene	9.42	128	630381	44.478	ng		99
32) Benzoic acid	9.35	122	102335	42.176	ng		93
33) 4-Chloroaniline	9.59	127	104950	18.945	ng		94
34) Hexachlorobutadiene	9.64	225	89954	44.010	ng		98
35) Caprolactam	10.21	113	61228m	54.125	ng		
36) 4-Chloro-3-methylphenol	10.46	107	203317	51.090	ng		90
37) 2-Methylnaphthalene	10.54	142	441878	46.144	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.83	216	173412	43.487	ng		99
40) Hexachlorocyclopentadiene	10.80	237	100749	80.517	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.06	196	119911	46.770	ng		96
43) 2,4,5-Trichlorophenol	11.15	196	113772	41.719	ng		94
45) 1,1'-Biphenyl	11.31	154	501667	45.682	ng		97
46) 2-Chloronaphthalene	11.33	162	388586	45.288	ng		96
47) 2-Nitroaniline	11.55	65	115965	46.185	ng	#	82
48) Acenaphthylene	11.97	152	620450	42.288	ng		98
49) Dimethylphthalate	11.87	163	476893	47.140	ng		98
50) 2,6-Dinitrotoluene	11.97	165	101336	45.923	ng	#	79
51) Acenaphthene	12.26	154	368733	43.514	ng		99
52) 3-Nitroaniline	12.23	138	73387	28.545	ng		87
53) 2,4-Dinitrophenol	12.45	184	96523	77.475	ng	#	66
54) Dibenzofuran	12.55	168	573255	48.067	ng		97
55) 4-Nitrophenol	12.64	139	110262	73.835	ng	#	74
56) 2,4-Dinitrotoluene	12.64	165	146963	49.309	ng	#	88
57) Fluorene	13.10	166	464950	44.798	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.80	232	95858	51.373	ng	#	95
59) Diethylphthalate	13.02	149	466921	47.958	ng		99
60) 4-Chlorophenyl-phenylether	13.13	204	205071	45.436	ng		91
61) 4-Nitroaniline	13.24	138	114505	47.702	ng		96
62) Azobenzene	13.39	77	434770	49.273	ng		95
64) 4,6-Dinitro-2-methylphenol	13.31	198	71299	44.034	ng	#	72
65) n-Nitrosodiphenylamine	13.34	169	398099	44.975	ng		99
66) 4-Bromophenyl-phenylether	13.91	248	117805	46.015	ng		97
67) Hexachlorobenzene	13.99	284	117022	46.388	ng	#	86
68) Atrazine	14.27	200	116984	47.488	ng		95
69) Pentachlorophenol	14.36	266	68126	71.945	ng		97
70) Phenanthrene	14.64	178	664442	46.748	ng		98
71) Anthracene	14.73	178	679491	45.792	ng		97
72) Carbazole	15.02	167	639259	44.208	ng		97
73) Di-n-butylphthalate	15.62	149	750333	48.772	ng		99
74) Fluoranthene	16.42	202	668846	47.545	ng		99
76) Benzidine	16.65	184	143316	20.633	ng	#	92
77) Pyrene	16.72	202	678148	50.253	ng		99
79) Butylbenzylphthalate	17.64	149	305882	51.901	ng	#	86
80) Benzo(a)anthracene	18.31	228	500341	47.584	ng		99
81) 3,3'-Dichlorobenzidine	18.29	252	119263	31.902	ng	#	97
82) Chrysene	18.36	228	486979	46.343	ng		99
83) Bis(2-ethylhexyl)phthalate	18.39	149	426432	51.294	ng	#	100
84) Di-n-octyl phthalate	19.16	149	658498	48.069	ng		96
85) Indeno(1,2,3-cd)pyrene	21.16	276	378808	42.132	ng		99
87) Benzo(b)fluoranthene	19.58	252	369105	44.830	ng		99
88) Benzo(k)fluoranthene	19.61	252	394495	50.127	ng		97
89) Benzo(a)pyrene	19.93	252	356996	47.175	ng		100
90) Dibenzo(a,h)anthracene	21.16	278	320046	49.857	ng		98
91) Benzo(g,h,i)perylene	21.48	276	332770	50.848	ng		96

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

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