Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061217\
Data File : BF095888.D
Acq On : 12 Jun 2017 23:54
Operator : SJ/MA
Sample : IDOC-W-3
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDOC-W-3

Manual Integrations APPROVED
mohammad
6/13/2017 4:10:44 PM

Quant Time: Jun 13 06:55:57 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	62409	20.00	ng		-0.05
21) Naphthalene-d8	9.38	136	260413	20.00	ng		-0.05
38) Acenaphthene-d10	12.20	164	124682	20.00	ng		-0.05
63) Phenanthrene-d10	14.60	188	229103	20.00	ng		-0.05
75) Chrysene-d12	18.32	240	180373	20.00	ng		-0.04
86) Perylene-d12	19.99	264	122622	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	513886	131.21	ng		-0.03
7) Phenol-d6	6.92	99	628236	133.99	ng		-0.04
23) Nitrobenzene-d5	8.27	82	373944	89.18	ng		-0.05
41) 2,4,6-Tribromophenol	13.50	330	145578	131.97	ng		-0.05
44) 2-Fluorobiphenyl	11.16	172	766239	85.52	ng		-0.05
78) Terphenyl-d14	16.97	244	691334	95.12	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	1.74	88	63380	34.017	ng		98
3) Pyridine	2.29	79	155039	35.405	ng		100
4) n-Nitrosodimethylamine	2.25	42	70465	42.326	ng		92
6) Aniline	6.86	93	149422	24.359	ng		93
8) 2-Chlorophenol	7.03	128	196789	47.255	ng		95
9) Benzaldehyde	6.67	77	65527	20.718	ng		97
10) Phenol	6.93	94	236943	48.714	ng		91
11) bis(2-Chloroethyl)ether	7.00	93	167937	43.585	ng		97
12) 1,3-Dichlorobenzene	7.25	146	199720	42.371	ng		99
13) 1,4-Dichlorobenzene	7.37	146	204401	42.761	ng		96
14) 1,2-Dichlorobenzene	7.61	146	194961	44.242	ng		97
15) Benzyl Alcohol	7.66	79	151936	47.211	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.85	45	236945	43.769	ng		94
17) 2-Methylphenol	7.89	107	162576	46.520	ng		95
18) Hexachloroethane	8.12	117	69332	43.916	ng	#	85
19) n-Nitroso-di-n-propylamine	8.09	70	133924	45.071	ng		91
20) 3+4-Methylphenols	8.16	107	211625	47.704	ng	#	59
22) Acetophenone	8.05	105	267181	43.834	ng	#	83
24) Nitrobenzene	8.30	77	191203	42.687	ng		95
25) Isophorone	8.70	82	343072	43.818	ng		96
26) 2-Nitrophenol	8.81	139	106479	45.397	ng		98
27) 2,4-Dimethylphenol	8.96	122	173896	47.774	ng		98
28) bis(2-Chloroethoxy)methane	9.08	93	225847	43.760	ng		99
29) 2,4-Dichlorophenol	9.25	162	160712	45.844	ng		99
30) 1,2,4-Trichlorobenzene	9.32	180	157850	43.274	ng		100
31) Naphthalene	9.42	128	558194	42.711	ng		99
32) Benzoic acid	9.34	122	91260	40.957	ng		96
33) 4-Chloroaniline	9.59	127	77468	15.165	ng		93
34) Hexachlorobutadiene	9.63	225	79933	42.409	ng		99
35) Caprolactam	10.20	113	55113m	52.834	ng		
36) 4-Chloro-3-methylphenol	10.46	107	179058	48.794	ng		89
37) 2-Methylnaphthalene	10.55	142	394593	44.686	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.82	216	153835	41.226	ng		98
40) Hexachlorocyclopentadiene	10.79	237	85083	73.761	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.06	196	105893	44.137	ng		99
43) 2,4,5-Trichlorophenol	11.15	196	103142	40.417	ng	#	92
45) 1,1'-Biphenyl	11.31	154	443281	43.137	ng		97
46) 2-Chloronaphthalene	11.32	162	343106	42.733	ng		94
47) 2-Nitroaniline	11.55	65	105432	44.873	ng	#	80
48) Acenaphthylene	11.97	152	553993	40.350	ng		98
49) Dimethylphthalate	11.87	163	427064	45.112	ng		99
50) 2,6-Dinitrotoluene	11.96	165	90980	44.061	ng	#	73
51) Acenaphthene	12.26	154	326494	41.175	ng		99
52) 3-Nitroaniline	12.23	138	60736	25.246	ng		90
53) 2,4-Dinitrophenol	12.45	184	82769	71.537	ng	#	68
54) Dibenzofuran	12.55	168	515809	46.219	ng		98
55) 4-Nitrophenol	12.65	139	97595	70.089	ng	#	78
56) 2,4-Dinitrotoluene	12.64	165	133122	47.731	ng	#	92
57) Fluorene	13.10	166	416108	42.845	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.80	232	84308	48.284	ng	#	95
59) Diethylphthalate	13.02	149	419114	46.003	ng		99
60) 4-Chlorophenyl-phenylether	13.13	204	183898	43.542	ng		90
61) 4-Nitroaniline	13.24	138	103341	46.007	ng		96
62) Azobenzene	13.39	77	386174	46.770	ng		94
64) 4,6-Dinitro-2-methylphenol	13.31	198	63561	42.208	ng	#	69
65) n-Nitrosodiphenylamine	13.35	169	362334	44.013	ng		98
66) 4-Bromophenyl-phenylether	13.91	248	105008	44.102	ng		97
67) Hexachlorobenzene	13.99	284	104817	44.674	ng	#	88
68) Atrazine	14.27	200	107482	46.913	ng		97
69) Pentachlorophenol	14.36	266	59491	67.954	ng		96
70) Phenanthrene	14.64	178	597155	45.174	ng		98
71) Anthracene	14.72	178	619112	44.861	ng		97
72) Carbazole	15.02	167	583389	43.378	ng		98
73) Di-n-butylphthalate	15.62	149	683656	47.780	ng		98
74) Fluoranthene	16.42	202	616196	47.096	ng		98
76) Benzidine	16.65	184	135732	19.594	ng		95
77) Pyrene	16.72	202	631672	46.934	ng		99
79) Butylbenzylphthalate	17.64	149	283785	48.281	ng		89
80) Benzo(a)anthracene	18.31	228	471630	44.973	ng		98
81) 3,3'-Dichlorobenzidine	18.29	252	113274	30.381	ng	#	97
82) Chrysene	18.35	228	466371	44.501	ng		99
83) Bis(2-ethylhexyl)phthalate	18.39	149	393433	47.451	ng		99
84) Di-n-octyl phthalate	19.16	149	618687	45.284	ng		96
85) Indeno(1,2,3-cd)pyrene	21.16	276	345644	38.546	ng		100
87) Benzo(b)fluoranthene	19.58	252	348656	45.409	ng		97
88) Benzo(k)fluoranthene	19.61	252	372617m	50.771	ng		
89) Benzo(a)pyrene	19.93	252	333964	47.323	ng		98
90) Dibenzo(a,h)anthracene	21.15	278	288133	48.132	ng		96
91) Benzo(g,h,i)perylene	21.48	276	303760	49.772	ng		98

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

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