Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099886.D
Acq On : 27 Oct 2017 20:20
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 27 22:53:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	79540	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	335308	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	159450	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	293404	20.00	ng		0.00
75) Chrysene-d12	13.99	240	217789	20.00	ng		0.00
86) Perylene-d12	15.46	264	180238	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	458334	90.47	ng		0.00
7) Phenol-d6	6.44	99	528084	87.91	ng		0.00
23) Nitrobenzene-d5	7.37	82	438135	84.12	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	128198	88.22	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	895771	86.67	ng		0.00
78) Terphenyl-d14	12.92	244	872196	87.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	97088	43.396	ng	#	88
3) Pyridine	3.26	79	245664	45.661	ng	#	87
4) n-Nitrosodimethylamine	3.22	42	84085	43.747	ng	#	72
6) Aniline	6.46	93	344040	44.169	ng		92
8) 2-Chlorophenol	6.59	128	239413	44.339	ng		91
9) Benzaldehyde	6.36	77	147449	41.075	ng		86
10) Phenol	6.46	94	290897	44.104	ng		84
11) bis(2-Chloroethyl)ether	6.53	93	226264	44.424	ng		94
12) 1,3-Dichlorobenzene	6.73	146	267091	44.054	ng		97
13) 1,4-Dichlorobenzene	6.81	146	271361	44.100	ng		98
14) 1,2-Dichlorobenzene	6.96	146	248227	44.263	ng		99
15) Benzyl Alcohol	6.95	79	168540	44.116	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	206572	36.511	ng		50
17) 2-Methylphenol	7.06	107	200542	44.401	ng		97
18) Hexachloroethane	7.30	117	88345	43.035	ng		98
19) n-Nitroso-di-n-propylamine	7.21	70	153310	43.549	ng		93
20) 3+4-Methylphenols	7.22	107	239794	45.596	ng	#	65
22) Acetophenone	7.22	105	323320	42.349	ng	#	97
24) Nitrobenzene	7.39	77	222243	42.350	ng		92
25) Isophorone	7.62	82	400015	42.326	ng		98
26) 2-Nitrophenol	7.70	139	133320	44.356	ng	#	83
27) 2,4-Dimethylphenol	7.74	122	191004	43.130	ng		96
28) bis(2-Chloroethoxy)methane	7.83	93	283785	42.876	ng		99
29) 2,4-Dichlorophenol	7.95	162	202255	43.964	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	210680	42.860	ng		99
31) Naphthalene	8.10	128	694230	42.892	ng		100
32) Benzoic acid	7.90	122	178399	45.766	ng		97
33) 4-Chloroaniline	8.16	127	288603	43.181	ng		96
34) Hexachlorobutadiene	8.21	225	107420	42.486	ng		99
35) Caprolactam	8.55	113	64128	44.326	ng	#	80
36) 4-Chloro-3-methylphenol	8.65	107	202846	43.199	ng		90
37) 2-Methylnaphthalene	8.79	142	469549	43.290	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	219312	42.586	ng		98
40) Hexachlorocyclopentadiene	8.94	237	38592	45.545	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	133913	42.989	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	138919	42.025	ng		94
45) 1,1'-Biphenyl	9.26	154	610955	42.355	ng		98
46) 2-Chloronaphthalene	9.29	162	442174	42.210	ng		97
47) 2-Nitroaniline	9.40	65	116158	42.248	ng	#	84
48) Acenaphthylene	9.70	152	681551	42.242	ng		100
49) Dimethylphthalate	9.56	163	520812	41.246	ng		100
50) 2,6-Dinitrotoluene	9.64	165	111186	41.886	ng		86
51) Acenaphthene	9.87	154	417431	42.342	ng		99
52) 3-Nitroaniline	9.82	138	137506	43.963	ng		88
53) 2,4-Dinitrophenol	9.94	184	40068	41.238	ng	#	83
54) Dibenzofuran	10.05	168	587922	42.248	ng		97
55) 4-Nitrophenol	10.00	139	63204	38.674	ng	#	79
56) 2,4-Dinitrotoluene	10.05	165	139427	43.615	ng	#	98
57) Fluorene	10.39	166	493006	42.788	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	102280	44.130	ng	#	92
59) Diethylphthalate	10.26	149	517776	41.990	ng		97
60) 4-Chlorophenyl-phenylether	10.38	204	229535	42.329	ng		93
61) 4-Nitroaniline	10.44	138	131610	44.103	ng		82
62) Azobenzene	10.55	77	438098	42.383	ng		87
64) 4,6-Dinitro-2-methylphenol	10.47	198	82073	44.500	ng	#	77
65) n-Nitrosodiphenylamine	10.50	169	457530	42.243	ng		98
66) 4-Bromophenyl-phenylether	10.87	248	132692	42.959	ng		95
67) Hexachlorobenzene	10.95	284	133251	42.167	ng	#	89
68) Atrazine	11.03	200	138854	42.679	ng		99
69) Pentachlorophenol	11.15	266	55651	41.214	ng		99
70) Phenanthrene	11.36	178	699945	42.272	ng		99
71) Anthracene	11.42	178	719325	42.798	ng		98
72) Carbazole	11.57	167	679474	42.990	ng		99
73) Di-n-butylphthalate	11.89	149	832865	41.314	ng		98
74) Fluoranthene	12.56	202	728717	42.348	ng		97
76) Benzidine	12.68	184	374414	39.289	ng		99
77) Pyrene	12.79	202	743625	44.903	ng		98
79) Butylbenzylphthalate	13.39	149	351409	43.092	ng	#	85
80) Benzo(a)anthracene	13.98	228	585031	42.374	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	209748	41.852	ng		97
82) Chrysene	14.02	228	547444	42.177	ng		100
83) Bis(2-ethylhexyl)phthalate	13.95	149	443210	38.701	ng		99
84) Di-n-octyl phthalate	14.56	149	740367	37.667	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.95	276	412444	34.613	ng		96
87) Benzo(b)fluoranthene	15.03	252	487136	42.802	ng		99
88) Benzo(k)fluoranthene	15.06	252	470044	43.798	ng		99
89) Benzo(a)pyrene	15.40	252	433226	42.376	ng	#	96
90) Dibenzo(a,h)anthracene	16.95	278	356299	39.222	ng		98
91) Benzo(g,h,i)perylene	17.40	276	345925	38.922	ng		97

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

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