Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098713.D
Acq On : 22 Sep 2017 23:10
Operator : SJ/JU
Sample : I5304-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-ENV-117-2(0-5)MS

Quant Time: Sep 23 01:31:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 10:38:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	157762	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	663176	20.00	ng		0.00
38) Acenaphthene-d10	9.97	164	281291	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	419228	20.00	ng		0.00
75) Chrysene-d12	14.09	240	339327	20.00	ng		0.00
86) Perylene-d12	15.59	264	317800	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	875646	84.28	ng		0.01
7) Phenol-d6	6.55	99	1077145	85.62	ng		0.00
23) Nitrobenzene-d5	7.49	82	602452	61.62	ng		0.00
41) 2,4,6-Tribromophenol	10.76	330	218590	84.97	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	1009391	57.10	ng		0.00
78) Terphenyl-d14	13.03	244	769296	48.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	115322	23.500	ng		97
3) Pyridine	3.56	79	324783	24.903	ng		99
4) n-Nitrosodimethylamine	3.51	42	156346	27.359	ng		94
6) Aniline	6.59	93	379876	22.793	ng		98
8) 2-Chlorophenol	6.72	128	318814	28.250	ng		97
9) Benzaldehyde	6.48	77	104313	14.782	ng		99
10) Phenol	6.56	94	421114	30.327	ng		97
11) bis(2-Chloroethyl)ether	6.66	93	298215	27.878	ng		98
12) 1,3-Dichlorobenzene	6.87	146	299032	25.086	ng		99
13) 1,4-Dichlorobenzene	6.95	146	303743	25.176	ng		99
14) 1,2-Dichlorobenzene	7.10	146	289099	25.694	ng		99
15) Benzyl Alcohol	7.06	79	275923	30.395	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.20	45	456439	26.776	ng		100
17) 2-Methylphenol	7.17	107	265632	28.886	ng		98
18) Hexachloroethane	7.45	117	96592	23.256	ng		99
19) n-Nitroso-di-n-propylamine	7.33	70	218917	28.089	ng		99
20) 3+4-Methylphenols	7.32	107	343633	28.983	ng		98
22) Acetophenone	7.33	105	442572	26.977	ng	#	98
24) Nitrobenzene	7.51	77	322340	28.546	ng		100
25) Isophorone	7.75	82	589455	27.645	ng		98
26) 2-Nitrophenol	7.83	139	145200	31.300	ng		91
27) 2,4-Dimethylphenol	7.85	122	267366	25.533	ng		100
28) bis(2-Chloroethoxy)methane	7.96	93	383142	28.877	ng		99
29) 2,4-Dichlorophenol	8.06	162	254408	28.243	ng		97
30) 1,2,4-Trichlorobenzene	8.15	180	237703	26.163	ng		99
31) Naphthalene	8.23	128	835846	26.555	ng		99
32) Benzoic acid	7.90	122	14218	4.800	ng		97
33) 4-Chloroaniline	8.27	127	258533	19.756	ng		100
34) Hexachlorobutadiene	8.35	225	121603	24.843	ng		99
35) Caprolactam	8.63	113	78051	27.787	ng		98
36) 4-Chloro-3-methylphenol	8.75	107	275961	26.839	ng		96
37) 2-Methylnaphthalene	8.92	142	569744	28.191	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	218590	26.275	ng		99
40) Hexachlorocyclopentadiene	9.07	237	68055	18.825	ng		95

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	165020	29.434 ng		98
43) 2,4,5-Trichlorophenol	9.23	196	175249	30.484 ng		99
45) 1,1'-Biphenyl	9.39	154	648963	26.854 ng		98
46) 2-Chloronaphthalene	9.42	162	505232	27.880 ng		97
47) 2-Nitroaniline	9.50	65	168180	33.053 ng		95
48) Acenaphthylene	9.83	152	754752	27.079 ng		100
49) Dimethylphthalate	9.69	163	750393	35.573 ng		99
50) 2,6-Dinitrotoluene	9.75	165	128741	30.928 ng		97
51) Acenaphthene	10.00	154	446218	25.792 ng		100
52) 3-Nitroaniline	9.92	138	138806	27.973 ng		91
53) 2,4-Dinitrophenol	10.02	184	4647	9.641 ng	#	39
54) Dibenzofuran	10.17	168	673509	28.510 ng		99
55) 4-Nitrophenol	10.06	139	216226	50.076 ng		95
56) 2,4-Dinitrotoluene	10.15	165	161680	28.913 ng		99
57) Fluorene	10.52	166	501854	26.430 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.29	232	125896	30.781 ng		98
59) Diethylphthalate	10.38	149	583671	28.235 ng		99
60) 4-Chlorophenyl-phenylether	10.50	204	230805	27.747 ng		99
61) 4-Nitroaniline	10.53	138	135558	28.484 ng		94
62) Azobenzene	10.66	77	542647	28.068 ng		99
64) 4,6-Dinitro-2-methylphenol	10.55	198	10863	13.176 ng		92
65) n-Nitrosodiphenylamine	10.62	169	459917	31.872 ng		98
66) 4-Bromophenyl-phenylether	11.00	248	134452	31.763 ng	#	89
67) Hexachlorobenzene	11.06	284	135812	28.156 ng	#	90
68) Atrazine	11.14	200	138937	32.008 ng		99
69) Pentachlorophenol	11.25	266	136698	49.583 ng		97
70) Phenanthrene	11.48	178	648661	28.522 ng		98
71) Anthracene	11.53	178	652864	28.154 ng		99
72) Carbazole	11.68	167	629712	27.791 ng		100
73) Di-n-butylphthalate	12.01	149	788899	29.976 ng		98
74) Fluoranthene	12.67	202	595260	26.264 ng		97
76) Benzidine	12.79	184	340716	24.727 ng		98
77) Pyrene	12.90	202	606998	24.095 ng		99
79) Butylbenzylphthalate	13.51	149	292538	28.069 ng		92
80) Benzo(a)anthracene	14.08	228	559985	27.398 ng		99
81) 3,3'-Dichlorobenzidine	14.04	252	203447	27.893 ng		98
82) Chrysene	14.12	228	529178	26.809 ng		99
83) Bis(2-ethylhexyl)phthalate	14.06	149	417619	28.969 ng		100
84) Di-n-octyl phthalate	14.68	149	745201	34.419 ng		98
85) Indeno(1,2,3-cd)pyrene	17.10	276	426174	27.833 ng		99
87) Benzo(b)fluoranthene	15.14	252	500968	27.181 ng		99
88) Benzo(k)fluoranthene	15.17	252	507109	27.533 ng		100
89) Benzo(a)pyrene	15.52	252	466001	27.841 ng		98
90) Dibenzo(a,h)anthracene	17.12	278	365042	25.787 ng		99
91) Benzo(g,h,i)perylene	17.56	276	336389	23.639 ng		97

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

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