Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091917\
Data File : BF098649.D
Acq On : 19 Sep 2017 18:56
Operator : SJ/JU
Sample : I5276-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-ENV-117-4(0-5)MS

Quant Time: Sep 20 11:22:39 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	126384	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	545468	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	325269	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	702412	20.00	ng		0.00
75) Chrysene-d12	13.79	240	557900	20.00	ng		0.00
86) Perylene-d12	15.19	264	607811	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1056276	123.57	ng		0.00
7) Phenol-d6	6.30	99	1444482	133.09	ng		0.00
23) Nitrobenzene-d5	7.21	82	818427	83.65	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	330884	152.42	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	1580455	82.35	ng		0.00
78) Terphenyl-d14	12.74	244	1910494	73.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	149157	33.808	ng		88
3) Pyridine	2.95	79	295935	25.258	ng	#	81
4) n-Nitrosodimethylamine	2.93	42	193660	33.714	ng		87
6) Aniline	6.30	93	473613	34.785	ng	#	40
8) 2-Chlorophenol	6.42	128	377628	40.175	ng		99
9) Benzaldehyde	6.18	77	157559	22.208	ng		97
10) Phenol	6.30	94	570552	45.260	ng		76
11) bis(2-Chloroethyl)ether	6.37	93	396004	41.665	ng		95
12) 1,3-Dichlorobenzene	6.57	146	365808	38.666	ng		97
13) 1,4-Dichlorobenzene	6.65	146	373818	38.575	ng		96
14) 1,2-Dichlorobenzene	6.80	146	353275	40.014	ng		99
15) Benzyl Alcohol	6.79	79	346526	47.975	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.92	45	524482	33.538	ng		54
17) 2-Methylphenol	6.91	107	312392	40.757	ng	#	85
18) Hexachloroethane	7.13	117	137411	37.025	ng		89
19) n-Nitroso-di-n-propylamine	7.06	70	279319	40.915	ng		99
20) 3+4-Methylphenols	7.06	107	422590	43.690	ng	#	71
22) Acetophenone	7.05	105	565957	40.145	ng	#	91
24) Nitrobenzene	7.23	77	423714	38.019	ng		93
25) Isophorone	7.46	82	768179	38.805	ng		98
26) 2-Nitrophenol	7.54	139	211375	46.974	ng	#	83
27) 2,4-Dimethylphenol	7.59	122	318345	37.112	ng		91
28) bis(2-Chloroethoxy)methane	7.67	93	459515	38.041	ng		99
29) 2,4-Dichlorophenol	7.79	162	333333	46.723	ng		97
30) 1,2,4-Trichlorobenzene	7.86	180	340150	43.830	ng		99
31) Naphthalene	7.94	128	1142482	42.368	ng		100
32) Benzoic acid	7.70	122	19353	10.774	ng		95
33) 4-Chloroaniline	8.00	127	390790	35.659	ng		97
34) Hexachlorobutadiene	8.05	225	178619	44.834	ng		99
35) Caprolactam	8.40	113	88640m	36.031	ng		
36) 4-Chloro-3-methylphenol	8.50	107	406864	45.986	ng	#	81
37) 2-Methylnaphthalene	8.63	142	772114	47.271	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	341853	33.740	ng		99
40) Hexachlorocyclopentadiene	8.77	237	201496	69.396	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	233494	39.234	ng		92
43) 2,4,5-Trichlorophenol	8.97	196	252141	40.534	ng		89
45) 1,1'-Biphenyl	9.09	154	1132529	38.900	ng		97
46) 2-Chloronaphthalene	9.12	162	871062	41.894	ng	#	92
47) 2-Nitroaniline	9.23	65	339230	42.508	ng		98
48) Acenaphthylene	9.53	152	1310000	42.374	ng		99
49) Dimethylphthalate	9.40	163	1315941	52.265	ng		99
50) 2,6-Dinitrotoluene	9.47	165	243027	46.989	ng	#	82
51) Acenaphthene	9.70	154	809375	41.187	ng		98
52) 3-Nitroaniline	9.65	138	246363	39.461	ng		98
53) 2,4-Dinitrophenol	9.76	184	205401	83.588	ng	#	79
54) Dibenzofuran	9.87	168	1194723	46.148	ng		97
55) 4-Nitrophenol	9.84	139	322831	90.002	ng	#	56
56) 2,4-Dinitrotoluene	9.89	165	341562	54.322	ng	#	93
57) Fluorene	10.22	166	961254	44.859	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	239385	57.263	ng		94
59) Diethylphthalate	10.10	149	1124649	46.967	ng		97
60) 4-Chlorophenyl-phenylether	10.21	204	446528	45.115	ng	#	87
61) 4-Nitroaniline	10.27	138	285092	45.217	ng		82
62) Azobenzene	10.37	77	921032	35.688	ng		95
64) 4,6-Dinitro-2-methylphenol	10.30	198	172763	40.917	ng		77
65) n-Nitrosodiphenylamine	10.33	169	783261	34.342	ng		98
66) 4-Bromophenyl-phenylether	10.70	248	277666	41.651	ng		91
67) Hexachlorobenzene	10.76	284	277369	41.018	ng	#	85
68) Atrazine	10.87	200	327103	46.586	ng		97
69) Pentachlorophenol	10.97	266	235056	78.654	ng		96
70) Phenanthrene	11.18	178	1377003	36.979	ng		98
71) Anthracene	11.23	178	1396461	36.527	ng		99
72) Carbazole	11.39	167	1315741	36.928	ng		98
73) Di-n-butylphthalate	11.72	149	1613976	37.807	ng		100
74) Fluoranthene	12.36	202	1570090	42.120	ng		99
76) Benzidine	12.49	184	480508m	19.461	ng		
77) Pyrene	12.59	202	1629408	37.023	ng		99
79) Butylbenzylphthalate	13.21	149	884267	46.314	ng	#	83
80) Benzo(a)anthracene	13.78	228	1399178	42.777	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	447780	35.227	ng	#	95
82) Chrysene	13.82	228	1372883	41.523	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	1054273	43.997	ng	#	99
84) Di-n-octyl phthalate	14.38	149	1991215	48.433	ng		99
85) Indeno(1,2,3-cd)pyrene	16.54	276	1377853	59.399	ng		94
87) Benzo(b)fluoranthene	14.80	252	1513378	39.599	ng		98
88) Benzo(k)fluoranthene	14.83	252	1466056	41.091	ng	#	95
89) Benzo(a)pyrene	15.13	252	1405683	41.286	ng		99
90) Dibenzo(a,h)anthracene	16.54	278	1151034	46.473	ng		98
91) Benzo(g,h,i)perylene	16.94	276	1023191	41.073	ng	#	92

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

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