Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097698.D
Acq On : 15 Aug 2017 18:34
Operator : SJ/JU
Sample : I4754-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL-MATERIAL-COMPMS

Manual Integrations APPROVED
Sohil
8/16/2017 6:45:24 PM

Quant Time: Aug 16 04:43:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	132046	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	552162	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	250914	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	487724	20.00	ng		0.00
75) Chrysene-d12	13.94	240	288994	20.00	ng		0.00
86) Perylene-d12	15.36	264	264661	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	859827	99.05	ng		0.00
7) Phenol-d6	6.42	99	1172199	99.38	ng		0.00
23) Nitrobenzene-d5	7.35	82	711859	70.04	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	223631	102.72	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	960244	56.23	ng		0.00
78) Terphenyl-d14	12.89	244	819729	59.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	121240	25.042	ng		92
3) Pyridine	3.23	79	332030	24.808	ng		87
4) n-Nitrosodimethylamine	3.17	42	152218	29.558	ng		86
6) Aniline	6.45	93	441446	26.642	ng		99
8) 2-Chlorophenol	6.57	128	292389	31.937	ng		99
9) Benzaldehyde	6.33	77	139462	18.667	ng		86
10) Phenol	6.43	94	473769	34.344	ng		91
11) bis(2-Chloroethyl)ether	6.52	93	320063	30.740	ng		97
12) 1,3-Dichlorobenzene	6.72	146	284921	28.933	ng	#	91
13) 1,4-Dichlorobenzene	6.80	146	289510	28.906	ng		95
14) 1,2-Dichlorobenzene	6.96	146	272478	29.505	ng		99
15) Benzyl Alcohol	6.92	79	306797	34.741	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	437754	31.248	ng		92
17) 2-Methylphenol	7.03	107	266065	32.978	ng		96
18) Hexachloroethane	7.30	117	117710	29.977	ng	#	81
19) n-Nitroso-di-n-propylamine	7.20	70	248097	30.726	ng	#	90
20) 3+4-Methylphenols	7.19	107	327593	33.244	ng		91
22) Acetophenone	7.19	105	440468	30.196	ng	#	89
24) Nitrobenzene	7.36	77	371696	32.844	ng		91
25) Isophorone	7.60	82	674733	31.925	ng		96
26) 2-Nitrophenol	7.68	139	132333	33.998	ng	#	72
27) 2,4-Dimethylphenol	7.72	122	269563	30.582	ng		93
28) bis(2-Chloroethoxy)methane	7.82	93	417928	30.078	ng		98
29) 2,4-Dichlorophenol	7.92	162	232470	31.772	ng		93
30) 1,2,4-Trichlorobenzene	8.01	180	227935	28.101	ng		97
31) Naphthalene	8.09	128	835317	29.140	ng		100
32) Benzoic acid	7.82	122	143498	25.767	ng	#	81
33) 4-Chloroaniline	8.13	127	306503	25.353	ng		98
34) Hexachlorobutadiene	8.21	225	133304	28.148	ng		98
35) Caprolactam	8.50	113	84301m	33.891	ng		
36) 4-Chloro-3-methylphenol	8.62	107	288435	30.682	ng	#	80
37) 2-Methylnaphthalene	8.78	142	542948	30.894	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	211360	27.448	ng	#	97
40) Hexachlorocyclopentadiene	8.93	237	237282	64.141	ng		99

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42) 2,4,6-Trichlorophenol	9.05	196	157979	30.557	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	169167	32.983	ng		96
45) 1,1'-Biphenyl	9.25	154	648803	28.356	ng		96
46) 2-Chloronaphthalene	9.27	162	474885	28.089	ng	#	93
47) 2-Nitroaniline	9.36	65	185921	32.804	ng		98
48) Acenaphthylene	9.68	152	793126	29.874	ng		100
49) Dimethylphthalate	9.55	163	689704	37.604	ng		98
50) 2,6-Dinitrotoluene	9.60	165	121877	33.290	ng	#	53
51) Acenaphthene	9.86	154	523714	31.278	ng		100
52) 3-Nitroaniline	9.77	138	125923	26.659	ng	#	80
53) 2,4-Dinitrophenol	9.87	184	89773	55.156	ng	#	78
54) Dibenzofuran	10.03	168	714550	31.842	ng		99
55) 4-Nitrophenol	9.93	139	225845	59.938	ng	#	35
56) 2,4-Dinitrotoluene	10.00	165	162025	35.265	ng	#	51
57) Fluorene	10.37	166	521199	30.040	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.14	232	140984	35.504	ng		95
59) Diethylphthalate	10.25	149	608720	31.737	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	242358	30.068	ng		89
61) 4-Nitroaniline	10.39	138	139306	31.030	ng		77
62) Azobenzene	10.52	77	740701	32.511	ng		93
64) 4,6-Dinitro-2-methylphenol	10.41	198	65519	31.886	ng	#	80
65) n-Nitrosodiphenylamine	10.48	169	483466	29.110	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	151735	29.959	ng		98
67) Hexachlorobenzene	10.91	284	146013	28.285	ng	#	81
68) Atrazine	11.01	200	147333	33.450	ng		97
69) Pentachlorophenol	11.10	266	182454	60.618	ng		98
70) Phenanthrene	11.33	178	773251	29.753	ng		100
71) Anthracene	11.38	178	789880	29.965	ng		99
72) Carbazole	11.53	167	737941	29.492	ng		99
73) Di-n-butylphthalate	11.87	149	952572	33.051	ng		99
74) Fluoranthene	12.51	202	778823	28.710	ng		97
76) Benzidine	12.63	184	201489	21.264	ng	#	93
77) Pyrene	12.74	202	778836	32.951	ng		98
79) Butylbenzylphthalate	13.37	149	355456	39.224	ng	#	69
80) Benzo(a)anthracene	13.93	228	521750	30.123	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	160150	27.401	ng	#	97
82) Chrysene	13.96	228	500727	29.061	ng		100
83) Bis(2-ethylhexyl)phthalate	13.93	149	432458	43.065	ng	#	99
84) Di-n-octyl phthalate	14.54	149	695727	39.818	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	520455	41.062	ng		95
87) Benzo(b)fluoranthene	14.96	252	477072	28.597	ng		97
88) Benzo(k)fluoranthene	14.98	252	430017	27.436	ng	#	95
89) Benzo(a)pyrene	15.30	252	447987	30.334	ng		99
90) Dibenzo(a,h)anthracene	16.79	278	428616	35.649	ng		98
91) Benzo(g,h,i)perylene	17.19	276	439787	35.056	ng		93

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

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