Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\
Data File : BF098417.D
Acq On : 11 Sep 2017 22:16
Operator : SJ/JU
Sample : I5138-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-UTS-TS001-01MSD

Manual Integrations APPROVED
Sohil
9/12/2017 6:02:11 PM

Quant Time: Sep 12 02:42:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 11 19:42:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	237353	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1007627	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	437809	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	756764	20.00	ng		0.00
75) Chrysene-d12	13.82	240	409078	20.00	ng		0.00
86) Perylene-d12	15.22	264	352726	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	2158742	134.47	ng		0.02
7) Phenol-d6	6.33	99	2663183	130.66	ng		0.01
23) Nitrobenzene-d5	7.25	82	1762252	97.50	ng		0.00
41) 2,4,6-Tribromophenol	10.50	330	444606	152.16	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	2334671	90.38	ng		0.00
78) Terphenyl-d14	12.77	244	1714773	90.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	295425	35.655	ng		88
3) Pyridine	3.06	79	865053	39.313	ng	#	83
4) n-Nitrosodimethylamine	3.02	42	490238	45.444	ng		93
6) Aniline	6.34	93	909904	35.584	ng	#	3
8) 2-Chlorophenol	6.46	128	790725	44.794	ng		95
9) Benzaldehyde	6.22	77	601317	45.130	ng		94
10) Phenol	6.35	94	1090409	46.058	ng		87
11) bis(2-Chloroethyl)ether	6.42	93	828595	46.421	ng		92
12) 1,3-Dichlorobenzene	6.61	146	773892	43.556	ng		97
13) 1,4-Dichlorobenzene	6.69	146	783668	43.060	ng	#	93
14) 1,2-Dichlorobenzene	6.84	146	707265	42.655	ng		99
15) Benzyl Alcohol	6.83	79	639467	47.141	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1315057	44.777	ng		83
17) 2-Methylphenol	6.95	107	675851	46.952	ng	#	89
18) Hexachloroethane	7.17	117	306833	44.023	ng	#	81
19) n-Nitroso-di-n-propylamine	7.10	70	581769	45.377	ng		99
20) 3+4-Methylphenols	7.10	107	846395	46.594	ng	#	80
22) Acetophenone	7.09	105	1151178	44.203	ng	#	94
24) Nitrobenzene	7.26	77	913256	44.360	ng		98
25) Isophorone	7.50	82	1707641	46.697	ng		100
26) 2-Nitrophenol	7.57	139	440278	52.966	ng	#	78
27) 2,4-Dimethylphenol	7.63	122	734001	46.321	ng		97
28) bis(2-Chloroethoxy)methane	7.71	93	1071917	48.038	ng		99
29) 2,4-Dichlorophenol	7.82	162	642746	48.771	ng		94
30) 1,2,4-Trichlorobenzene	7.90	180	653069	45.555	ng		100
31) Naphthalene	7.97	128	2231763	44.803	ng		99
32) Benzoic acid	7.73	122	55590	12.331	ng		95
33) 4-Chloroaniline	8.03	127	754722	37.280	ng		99
34) Hexachlorobutadiene	8.09	225	333561	45.323	ng		99
35) Caprolactam	8.42	113	218486m	48.077	ng		
36) 4-Chloro-3-methylphenol	8.53	107	737489	45.123	ng		85
37) 2-Methylnaphthalene	8.67	142	1445956	47.922	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	589013	43.190	ng		98
40) Hexachlorocyclopentadiene	8.82	237	376752	92.575	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	398154	49.705	ng		94
43) 2,4,5-Trichlorophenol	9.00	196	411051	49.095	ng		95
45) 1,1'-Biphenyl	9.13	154	1698297	43.339	ng		97
46) 2-Chloronaphthalene	9.16	162	1287928	46.020	ng	#	93
47) 2-Nitroaniline	9.26	65	535864	49.887	ng		98
48) Acenaphthylene	9.57	152	1846811	44.383	ng		99
49) Dimethylphthalate	9.44	163	1977365	58.347	ng		100
50) 2,6-Dinitrotoluene	9.50	165	346263	49.740	ng	#	67
51) Acenaphthene	9.74	154	1188771	44.943	ng		98
52) 3-Nitroaniline	9.67	138	301474	35.876	ng		98
53) 2,4-Dinitrophenol	9.79	184	127955	43.266	ng	#	76
54) Dibenzofuran	9.91	168	1613125	46.293	ng		97
55) 4-Nitrophenol	9.86	139	465292	96.375	ng	#	41
56) 2,4-Dinitrotoluene	9.91	165	399688	47.226	ng	#	49
57) Fluorene	10.26	166	1242274	43.071	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	292791	52.035	ng		99
59) Diethylphthalate	10.14	149	1476199	45.801	ng		97
60) 4-Chlorophenyl-phenylether	10.25	204	589009	44.214	ng		92
61) 4-Nitroaniline	10.29	138	375185	44.210	ng		84
62) Azobenzene	10.40	77	1614591	46.480	ng		96
64) 4,6-Dinitro-2-methylphenol	10.32	198	179955	39.724	ng		87
65) n-Nitrosodiphenylamine	10.37	169	1184199	48.192	ng		98
66) 4-Bromophenyl-phenylether	10.73	248	356097	49.579	ng		97
67) Hexachlorobenzene	10.80	284	337054	46.265	ng	#	81
68) Atrazine	10.90	200	358106	47.338	ng		98
69) Pentachlorophenol	11.00	266	284967	87.638	ng		95
70) Phenanthrene	11.21	178	1833087	45.692	ng		99
71) Anthracene	11.26	178	1888567	45.851	ng		99
72) Carbazole	11.42	167	1707022	44.469	ng		99
73) Di-n-butylphthalate	11.75	149	2145818	46.655	ng		100
74) Fluoranthene	12.39	202	1745870	43.471	ng		98
76) Benzidine	12.52	184	798110	44.084	ng	#	94
77) Pyrene	12.62	202	1736744	53.818	ng		100
79) Butylbenzylphthalate	13.24	149	805872	57.563	ng	#	80
80) Benzo(a)anthracene	13.81	228	1100977	45.906	ng		98
81) 3,3'-Dichlorobenzidine	13.77	252	392501	42.111	ng	#	96
82) Chrysene	13.84	228	1087212	44.846	ng		100
83) Bis(2-ethylhexyl)phthalate	13.80	149	964505	54.894	ng		99
84) Di-n-octyl phthalate	14.41	149	1546078	51.287	ng		97
85) Indeno(1,2,3-cd)pyrene	16.57	276	976243	57.396	ng		98
87) Benzo(b)fluoranthene	14.82	252	939922	42.380	ng		97
88) Benzo(k)fluoranthene	14.85	252	931103	44.970	ng		96
89) Benzo(a)pyrene	15.16	252	910872	46.100	ng		99
90) Dibenzo(a,h)anthracene	16.57	278	810230	56.371	ng		96
91) Benzo(g,h,i)perylene	16.97	276	831331	57.505	ng		99

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

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