Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
Data File : BF099484.D
Acq On : 14 Oct 2017 18:40
Operator : SJ/JU
Sample : I5869-13MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-10-10-11-17MSD

Manual Integrations APPROVED

Quant Time: Oct 15 05:12:01 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 23:44:03 2017
Response via : Initial Calibration

Sohil

10/15/2017 12:41:24 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	97932	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	402319	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	175586	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	280501	20.00	ng		0.00
75) Chrysene-d12	14.02	240	149379	20.00	ng		0.00
86) Perylene-d12	15.50	264	159588	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	449478	73.06	ng		0.00
7) Phenol-d6	6.49	99	338963	44.66	ng		0.00
23) Nitrobenzene-d5	7.42	82	659290	105.09	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	198246	137.98	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1146424	109.00	ng		0.00
78) Terphenyl-d14	12.96	244	771034	117.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	54358	18.50	ng		97
3) Pyridine	3.48	79	108628	13.66	ng		91
4) n-Nitrosodimethylamine	3.39	42	55924	16.59	ng	#	79
6) Aniline	6.52	93	204574	19.97	ng		97
8) 2-Chlorophenol	6.65	128	273860	39.31	ng		93
9) Benzaldehyde	6.41	77	123584	28.07	ng		95
10) Phenol	6.50	94	144534	17.03	ng		94
11) bis(2-Chloroethyl)ether	6.59	93	313648	47.54	ng		96
12) 1,3-Dichlorobenzene	6.79	146	354494	48.59	ng		98
13) 1,4-Dichlorobenzene	6.87	146	356649	48.04	ng		100
14) 1,2-Dichlorobenzene	7.03	146	331612	48.35	ng		96
15) Benzyl Alcohol	7.00	79	160343	28.80	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	443642	43.16	ng		87
17) 2-Methylphenol	7.12	107	183164	32.13	ng	#	92
18) Hexachloroethane	7.36	117	123315	46.22	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	213871	44.14	ng		95
20) 3+4-Methylphenols	7.26	107	196027	27.18	ng	#	33
22) Acetophenone	7.26	105	435288	44.66	ng		98
24) Nitrobenzene	7.44	77	335860	47.19	ng		98
25) Isophorone	7.67	82	612073	47.19	ng		99
26) 2-Nitrophenol	7.76	139	179791	52.54	ng		90
27) 2,4-Dimethylphenol	7.79	122	252382	39.05	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	396324	49.03	ng		99
29) 2,4-Dichlorophenol	8.00	162	249713	45.00	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	280845	50.61	ng		98
31) Naphthalene	8.16	128	928575	49.14	ng		99
32) Benzoic acid	7.89	122	23236	4.38	ng		97
33) 4-Chloroaniline	8.21	127	145703	18.47	ng		97
34) Hexachlorobutadiene	8.27	225	136134	47.63	ng		99
35) Caprolactam	8.60	113	12918	7.26	ng		94
36) 4-Chloro-3-methylphenol	8.69	107	237987	38.16	ng		96
37) 2-Methylnaphthalene	8.85	142	631949	51.45	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	253415	48.39	ng		99
40) Hexachlorocyclopentadiene	9.00	237	161872	67.64	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	163149	43.98	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	168096	45.39	ng		93
45) 1,1'-Biphenyl	9.32	154	726383	48.13	ng		99
46) 2-Chloronaphthalene	9.34	162	579493	51.15	ng		98
47) 2-Nitroaniline	9.45	65	164820	47.51	ng		90
48) Acenaphthylene	9.76	152	848344	48.91	ng		100
49) Dimethylphthalate	9.62	163	678231	51.18	ng		100
50) 2,6-Dinitrotoluene	9.69	165	150436	52.14	ng		87
51) Acenaphthene	9.93	154	497441	45.28	ng		99
52) 3-Nitroaniline	9.86	138	81282	24.16	ng		89
53) 2,4-Dinitrophenol	9.97	184	80746	55.67	ng		97
54) Dibenzofuran	10.10	168	732409	50.07	ng		98
55) 4-Nitrophenol	10.03	139	44809	15.75	ng		99
56) 2,4-Dinitrotoluene	10.09	165	176143	47.04	ng		94
57) Fluorene	10.45	166	576931	49.07	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	115094m	44.99	ng		
59) Diethylphthalate	10.31	149	612165	47.27	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	265015	50.18	ng		90
61) 4-Nitroaniline	10.47	138	136689	42.12	ng		90
62) Azobenzene	10.59	77	569472	47.83	ng		94
64) 4,6-Dinitro-2-methylphenol	10.50	198	69999	41.02	ng		78
65) n-Nitrosodiphenylamine	10.55	169	507460	52.22	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	152372	55.50	ng		94
67) Hexachlorobenzene	10.99	284	150527	51.33	ng		96
68) Atrazine	11.09	200	140556	48.08	ng		97
69) Pentachlorophenol	11.19	266	107096	58.68	ng		100
70) Phenanthrene	11.41	178	777241	51.77	ng		99
71) Anthracene	11.46	178	801037	52.14	ng		99
72) Carbazole	11.62	167	677423	45.03	ng		100
73) Di-n-butylphthalate	11.93	149	868645	47.97	ng		99
74) Fluoranthene	12.60	202	698152	45.92	ng		98
77) Pyrene	12.83	202	688952	60.48	ng		99
79) Butylbenzylphthalate	13.43	149	286227	53.47	ng		91
80) Benzo(a)anthracene	14.02	228	484082	53.52	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	41067	12.38	ng		99
82) Chrysene	14.05	228	457770	53.16	ng		98
83) Bis(2-ethylhexyl)phthalate	13.98	149	374406	50.79	ng	#	99
84) Di-n-octyl phthalate	14.59	149	593419	50.00	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.00	276	579046	84.06	ng		96
87) Benzo(b)fluoranthene	15.07	252	473138	48.22	ng		99
88) Benzo(k)fluoranthene	15.10	252	444544	45.87	ng		98
89) Benzo(a)pyrene	15.44	252	463956	51.51	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	479067	66.46	ng		96
91) Benzo(g,h,i)perylene	17.44	276	511653	71.81	ng		95

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

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