Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099399.D
Acq On : 12 Oct 2017 17:18
Operator : SJ/JU
Sample : I5637-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-18(0-10)COMPMS

Manual Integrations APPROVED
Sohil
10/13/2017 3:05:37 PM

Quant Time: Oct 13 11:14:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	127612	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	507708	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	204590	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	302753	20.00	ng		0.00
75) Chrysene-d12	14.02	240	205686	20.00	ng		0.00
86) Perylene-d12	15.50	264	173031	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	998420	124.55	ng		0.02
7) Phenol-d6	6.50	99	1193620	120.70	ng		0.01
23) Nitrobenzene-d5	7.42	82	713783	90.16	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	181976	108.70	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1152332	94.03	ng		0.00
78) Terphenyl-d14	12.96	244	755554	83.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	81668	21.327	ng		96
3) Pyridine	3.46	79	216516	20.901	ng		90
4) n-Nitrosodimethylamine	3.38	42	99042	22.547	ng		81
6) Aniline	6.52	93	172480	12.923	ng		96
8) 2-Chlorophenol	6.65	128	234528	25.834	ng		94
9) Benzaldehyde	6.40	77	89608	15.621	ng		95
10) Phenol	6.51	94	289748	26.199	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	232855	27.083	ng		96
12) 1,3-Dichlorobenzene	6.79	146	242976	25.557	ng		97
13) 1,4-Dichlorobenzene	6.87	146	247236	25.559	ng		99
14) 1,2-Dichlorobenzene	7.03	146	228836	25.603	ng		96
15) Benzyl Alcohol	7.00	79	183559	25.302	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	311823	23.278	ng		93
17) 2-Methylphenol	7.11	107	191392	25.766	ng		99
18) Hexachloroethane	7.36	117	79541	22.877	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	150956	23.909	ng		93
20) 3+4-Methylphenols	7.26	107	232863	24.781	ng	#	69
22) Acetophenone	7.26	105	313961	25.523	ng	#	96
24) Nitrobenzene	7.44	77	231998	25.833	ng		95
25) Isophorone	7.67	82	419434	25.625	ng		98
26) 2-Nitrophenol	7.75	139	127693	29.568	ng		92
27) 2,4-Dimethylphenol	7.79	122	200753	24.615	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	277685	27.223	ng		98
29) 2,4-Dichlorophenol	8.00	162	186588	26.647	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	189603	27.073	ng		98
31) Naphthalene	8.16	128	653285	27.397	ng		100
32) Benzoic acid	7.87	122	32966	4.921	ng		98
33) 4-Chloroaniline	8.21	127	140973	14.157	ng		96
34) Hexachlorobutadiene	8.27	225	92606	25.672	ng		99
35) Caprolactam	8.57	113	56539	25.172	ng	#	85
36) 4-Chloro-3-methylphenol	8.69	107	183418	23.305	ng		94
37) 2-Methylnaphthalene	8.85	142	441743	28.497	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	166429	27.277	ng		98
40) Hexachlorocyclopentadiene	8.99	237	6905	2.476	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	114643	26.523	ng		97
43) 2,4,5-Trichlorophenol	9.17	196	111310	25.797	ng	#	93
45) 1,1'-Biphenyl	9.31	154	490737	27.909	ng		98
46) 2-Chloronaphthalene	9.34	162	365037	27.650	ng		95
47) 2-Nitroaniline	9.44	65	106526	26.352	ng		85
48) Acenaphthylene	9.75	152	565920	28.002	ng		99
49) Dimethylphthalate	9.61	163	654689	42.398	ng		99
50) 2,6-Dinitrotoluene	9.67	165	93292	27.752	ng		94
51) Acenaphthene	9.92	154	343562	26.837	ng		99
52) 3-Nitroaniline	9.85	138	73640	18.787	ng		96
53) 2,4-Dinitrophenol	9.96	184	7313	9.702	ng		99
54) Dibenzofuran	10.09	168	490774	28.792	ng		99
55) 4-Nitrophenol	10.01	139	115330	34.797	ng		89
56) 2,4-Dinitrotoluene	10.08	165	111130	25.472	ng		92
57) Fluorene	10.44	166	417318	30.460	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	74348m	24.943	ng		
59) Diethylphthalate	10.30	149	401872	26.635	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	162236	26.362	ng		93
61) 4-Nitroaniline	10.46	138	68166	18.026	ng		87
62) Azobenzene	10.59	77	329756	23.769	ng		92
64) 4,6-Dinitro-2-methylphenol	10.49	198	11217	6.089	ng		95
65) n-Nitrosodiphenylamine	10.54	169	317054	30.229	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	86595	29.221	ng		96
67) Hexachlorobenzene	10.99	284	81006	25.594	ng		96
68) Atrazine	11.07	200	92639	29.357	ng		99
69) Pentachlorophenol	11.19	266	66977	34.001	ng		99
70) Phenanthrene	11.40	178	1167641	72.052	ng		99
71) Anthracene	11.46	178	552383	33.314	ng		99
72) Carbazole	11.61	167	421034	25.929	ng		99
73) Di-n-butylphthalate	11.93	149	522903	26.754	ng		99
74) Fluoranthene	12.60	202	1158844	70.619	ng		99
77) Pyrene	12.83	202	1293930	82.498	ng		100
79) Butylbenzylphthalate	13.43	149	200306	27.174	ng		94
80) Benzo(a)anthracene	14.02	228	711499	57.126	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	56979	12.480	ng		97
82) Chrysene	14.05	228	720995	60.805	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	289414	28.514	ng	#	99
84) Di-n-octyl phthalate	14.59	149	489035	29.922	ng	#	97
85) Indeno(1,2,3-cd)pyrene	16.99	276	341427	35.995	ng		99
87) Benzo(b)fluoranthene	15.07	252	585621	55.047	ng		94
88) Benzo(k)fluoranthene	15.10	252	405619	38.602	ng		100
89) Benzo(a)pyrene	15.44	252	480144	49.167	ng	#	96
90) Dibenzo(a,h)anthracene	17.00	278	222339	28.449	ng		97
91) Benzo(g,h,i)perylene	17.44	276	299109	38.718	ng		94

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

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