Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103879.D
Acq On : 23 Mar 2018 14:47
Operator : JU/SJ
Sample : J1998-04MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-109(15-16)MS

Manual Integrations APPROVED
Sohil
3/26/2018 4:32:57 PM

Quant Time: Mar 26 12:34:18 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	152737	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	616879	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	278747	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	439520	20.00	ng		0.00
75) Chrysene-d12	14.17	240	278726	20.00	ng		0.00
86) Perylene-d12	15.71	264	290827	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1213644	120.86	ng		0.02
7) Phenol-d6	6.61	99	1539782	125.33	ng		0.01
23) Nitrobenzene-d5	7.55	82	953140	107.75	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	356557	148.77	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1545484	88.44	ng		0.00
78) Terphenyl-d14	13.10	244	1164670	96.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	150953	30.529	ng	#	89
3) Pyridine	3.65	79	440769	32.408	ng		87
4) n-Nitrosodimethylamine	3.61	42	172665	34.432	ng	#	70
6) Aniline	6.64	93	388397	22.140	ng		97
8) 2-Chlorophenol	6.76	128	444340	42.240	ng		97
9) Benzaldehyde	6.53	77	129276	16.017	ng		95
10) Phenol	6.62	94	563495	43.164	ng		94
11) bis(2-Chloroethyl)ether	6.71	93	428474	39.758	ng		96
12) 1,3-Dichlorobenzene	6.92	146	455048	37.980	ng		99
13) 1,4-Dichlorobenzene	6.99	146	456313	37.902	ng		100
14) 1,2-Dichlorobenzene	7.15	146	425191	38.059	ng		99
15) Benzyl Alcohol	7.12	79	383620	40.301	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	562713	36.711	ng		93
17) 2-Methylphenol	7.22	107	377076	40.252	ng		98
18) Hexachloroethane	7.49	117	157524	37.197	ng		99
19) n-Nitroso-di-n-propylamine	7.39	70	289537	36.774	ng		93
20) 3+4-Methylphenols	7.37	107	454658	38.243	ng	#	88
22) Acetophenone	7.39	105	579519	36.553	ng	#	93
24) Nitrobenzene	7.56	77	456732	43.979	ng		94
25) Isophorone	7.79	82	842249	41.130	ng		99
26) 2-Nitrophenol	7.87	139	240183	58.271	ng		91
27) 2,4-Dimethylphenol	7.90	122	393235	44.825	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	556053	44.843	ng		99
29) 2,4-Dichlorophenol	8.12	162	369585	46.307	ng		95
30) 1,2,4-Trichlorobenzene	8.20	180	367568	39.707	ng		100
31) Naphthalene	8.28	128	1227355	39.387	ng		99
32) Benzoic acid	7.97	122	39129m	14.922	ng		
33) 4-Chloroaniline	8.32	127	140997	10.785	ng		97
34) Hexachlorobutadiene	8.39	225	196320	38.681	ng		99
35) Caprolactam	8.70	113	123471m	44.926	ng		
36) 4-Chloro-3-methylphenol	8.80	107	397992	45.233	ng		98
37) 2-Methylnaphthalene	8.97	142	816160	41.301	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	343146	43.150	ng		98
40) Hexachlorocyclopentadiene	9.12	237	126106	30.732	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	248449	48.844	ng		98
43) 2,4,5-Trichlorophenol	9.29	196	266488	46.418	ng		97
45) 1,1'-Biphenyl	9.43	154	943116	40.576	ng		99
46) 2-Chloronaphthalene	9.46	162	754902	40.891	ng		99
47) 2-Nitroaniline	9.56	65	236329	48.802	ng		98
48) Acenaphthylene	9.88	152	1132024	39.543	ng		99
49) Dimethylphthalate	9.73	163	1049957	49.370	ng		99
50) 2,6-Dinitrotoluene	9.80	165	200841	48.751	ng		98
51) Acenaphthene	10.06	154	687973	40.473	ng		99
52) 3-Nitroaniline	9.97	138	148646	31.566	ng		97
53) 2,4-Dinitrophenol	10.07	184	57291	57.632	ng	#	20
54) Dibenzofuran	10.23	168	1003588	41.339	ng		100
55) 4-Nitrophenol	10.13	139	342821	87.547	ng		87
56) 2,4-Dinitrotoluene	10.21	165	260546	49.732	ng	#	85
57) Fluorene	10.57	166	763228	40.514	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	199748	49.102	ng		95
59) Diethylphthalate	10.43	149	857713	40.635	ng		98
60) 4-Chlorophenyl-phenylether	10.56	204	363340	42.202	ng		96
61) 4-Nitroaniline	10.59	138	181947	39.096	ng		97
62) Azobenzene	10.72	77	802191	37.381	ng		96
64) 4,6-Dinitro-2-methylphenol	10.62	198	58343	39.762	ng	#	77
65) n-Nitrosodiphenylamine	10.67	169	698943	46.719	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	212621	47.116	ng	#	88
67) Hexachlorobenzene	11.12	284	224375	43.563	ng		96
68) Atrazine	11.20	200	214328	46.312	ng		99
69) Pentachlorophenol	11.32	266	224407	75.785	ng		98
70) Phenanthrene	11.54	178	991386	41.234	ng		99
71) Anthracene	11.59	178	1020101	41.774	ng		98
72) Carbazole	11.75	167	928458	39.119	ng		99
73) Di-n-butylphthalate	12.06	149	1242837	43.641	ng		100
74) Fluoranthene	12.73	202	873483	35.264	ng		100
76) Benzidine	12.85	184	523513	44.038	ng		98
77) Pyrene	12.96	202	855136	41.776	ng		100
79) Butylbenzylphthalate	13.57	149	423242	46.669	ng		92
80) Benzo(a)anthracene	14.16	228	742308	42.073	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	264323	44.789	ng		99
82) Chrysene	14.19	228	699238	41.575	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	580489	44.805	ng		99
84) Di-n-octyl phthalate	14.75	149	982812	52.143	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.29	276	670258	45.634	ng		98
87) Benzo(b)fluoranthene	15.25	252	733924	39.944	ng		99
88) Benzo(k)fluoranthene	15.28	252	736666	41.709	ng		99
89) Benzo(a)pyrene	15.64	252	704453	42.271	ng		98
90) Dibenzo(a,h)anthracene	17.31	278	570081	39.506	ng		99
91) Benzo(g,h,i)perylene	17.78	276	519310	36.992	ng		95

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

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