Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
Data File : BF099239.D
Acq On : 8 Oct 2017 18:30
Operator : SJ/JU
Sample : I5706-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-21MSD

Manual Integrations APPROVED
Sohil
10/9/2017 6:36:03 PM

Quant Time: Oct 09 11:36:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	125982	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	530621	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	241803	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	432137	20.00	ng		0.00
75) Chrysene-d12	14.03	240	297014	20.00	ng		0.00
86) Perylene-d12	15.50	264	226190	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	877043	110.82	ng		0.03
7) Phenol-d6	6.50	99	992927	101.71	ng		0.00
23) Nitrobenzene-d5	7.43	82	713173	86.19	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	247908	125.29	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1313349	90.67	ng		0.00
78) Terphenyl-d14	12.97	244	1155136	88.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	125575	33.217	ng	#	80
3) Pyridine	3.57	79	245895m	24.044	ng		
4) n-Nitrosodimethylamine	3.52	42	148675	34.283	ng		81
6) Aniline	6.53	93	237795	18.047	ng		99
8) 2-Chlorophenol	6.66	128	363772	40.590	ng		96
9) Benzaldehyde	6.42	77	104023	18.369	ng		98
10) Phenol	6.52	94	390439	35.760	ng		98
11) bis(2-Chloroethyl)ether	6.60	93	354001	41.706	ng		98
12) 1,3-Dichlorobenzene	6.81	146	380643	40.555	ng		97
13) 1,4-Dichlorobenzene	6.89	146	382125	40.015	ng		97
14) 1,2-Dichlorobenzene	7.04	146	359682	40.763	ng		97
15) Benzyl Alcohol	7.01	79	292550	40.847	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	508144	38.424	ng		94
17) 2-Methylphenol	7.12	107	305750	41.694	ng		96
18) Hexachloroethane	7.37	117	133459	38.881	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	237074	38.035	ng		96
20) 3+4-Methylphenols	7.27	107	349293	37.652	ng	#	74
22) Acetophenone	7.28	105	493980	38.424	ng	#	97
24) Nitrobenzene	7.45	77	378221	40.297	ng		97
25) Isophorone	7.69	82	707043	41.331	ng		98
26) 2-Nitrophenol	7.77	139	207061	45.876	ng	#	86
27) 2,4-Dimethylphenol	7.80	122	335369	39.345	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	451441	42.346	ng		100
29) 2,4-Dichlorophenol	8.01	162	321166	43.885	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	315396	43.090	ng		98
31) Naphthalene	8.17	128	1074351	43.110	ng		99
32) Benzoic acid	7.92	122	113500	16.210	ng		95
33) 4-Chloroaniline	8.22	127	111270	10.692	ng		95
34) Hexachlorobutadiene	8.28	225	151337	40.142	ng		98
35) Caprolactam	8.60	113	81826m	34.856	ng		
36) 4-Chloro-3-methylphenol	8.70	107	334709	40.691	ng		93
37) 2-Methylnaphthalene	8.86	142	743521	45.894	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	291034	40.358	ng		99
40) Hexachlorocyclopentadiene	9.01	237	167014	50.679	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	207589	40.635	ng		100
43) 2,4,5-Trichlorophenol	9.19	196	217257	42.602	ng		96
45) 1,1'-Biphenyl	9.33	154	849328	40.869	ng		98
46) 2-Chloronaphthalene	9.35	162	678247	43.468	ng		97
47) 2-Nitroaniline	9.45	65	203246	42.541	ng		93
48) Acenaphthylene	9.77	152	1033801	43.281	ng		100
49) Dimethylphthalate	9.63	163	798427	43.750	ng		100
50) 2,6-Dinitrotoluene	9.69	165	183598	46.210	ng		88
51) Acenaphthene	9.94	154	604995	39.985	ng		100
52) 3-Nitroaniline	9.86	138	133529	28.823	ng		89
53) 2,4-Dinitrophenol	9.97	184	47088	26.933	ng		98
54) Dibenzofuran	10.11	168	910635	45.202	ng		100
55) 4-Nitrophenol	10.03	139	248651	63.476	ng		89
56) 2,4-Dinitrotoluene	10.10	165	236379	45.842	ng		93
57) Fluorene	10.46	166	713147	44.042	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	161670	45.892	ng		97
59) Diethylphthalate	10.32	149	764771	42.886	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	316485	43.511	ng		92
61) 4-Nitroaniline	10.48	138	201712	45.131	ng		89
62) Azobenzene	10.60	77	705045	42.999	ng		93
64) 4,6-Dinitro-2-methylphenol	10.51	198	58890	22.398	ng	#	75
65) n-Nitrosodiphenylamine	10.56	169	645340	43.107	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	185576	43.872	ng		94
67) Hexachlorobenzene	11.00	284	192939	42.707	ng		93
68) Atrazine	11.09	200	201176	44.664	ng		99
69) Pentachlorophenol	11.20	266	160305	57.015	ng		98
70) Phenanthrene	11.42	178	1017119	43.972	ng		99
71) Anthracene	11.47	178	1051281	44.419	ng		100
72) Carbazole	11.63	167	991798	42.792	ng		99
73) Di-n-butylphthalate	11.95	149	1165582	41.781	ng		99
74) Fluoranthene	12.60	202	1048222	44.752	ng		99
76) Benzidine	12.72	184	78370	7.134	ng		97
77) Pyrene	12.84	202	1062300	46.904	ng		100
79) Butylbenzylphthalate	13.44	149	486198	45.677	ng		91
80) Benzo(a)anthracene	14.02	228	821271	45.664	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	184442	27.975	ng		99
82) Chrysene	14.06	228	759463	44.355	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	629573	42.955	ng		99
84) Di-n-octyl phthalate	14.60	149	931622	39.475	ng		96
85) Indeno(1,2,3-cd)pyrene	17.00	276	612188	44.695	ng		96
87) Benzo(b)fluoranthene	15.07	252	629056	45.233	ng		97
88) Benzo(k)fluoranthene	15.10	252	638935	46.515	ng		98
89) Benzo(a)pyrene	15.44	252	588199	46.077	ng	#	96
90) Dibenzo(a,h)anthracene	17.01	278	501639	49.102	ng		97
91) Benzo(g,h,i)perylene	17.45	276	531027	52.584	ng		95

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

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