Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110818\
Data File : BM017567.D
Acq On : 07 Nov 2018 19:24
Operator : MJ/SJ
Sample : J5839-15MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-7-DMSD

Manual Integrations APPROVED
Sohil
11/9/2018 1:39:15 PM

Quant Time: Nov 08 14:25:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 15:08:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	250614	20.00	ng	-0.02
21) Naphthalene-d8	10.39	136	1086724	20.00	ng	-0.03
39) Acenaphthene-d10	14.27	164	687196	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1650169	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1949397	20.00	ng	-0.02
87) Perylene-d12	23.41	264	2035170	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	2515520	169.77	ng	-0.02
7) Phenol-d6	6.82	99	3556650	176.24	ng	-0.02
23) Nitrobenzene-d5	8.78	82	2175660	117.09	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	1727204	185.85	ng	-0.02
45) 2-Fluorobiphenyl	12.88	172	5017349	97.15	ng	-0.02
79) Terphenyl-d14	19.66	244	8306854	96.05	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	235372	31.107	ng	# 82
3) Pyridine	3.61	79	721369	41.435	ng	# 81
4) n-Nitrosodimethylamine	3.53	42	404719	57.908	ng	# 63
6) Aniline	6.97	93	1113789	44.125	ng	96
8) 2-Chlorophenol	7.20	128	953155	55.603	ng	96
9) Benzaldehyde	6.78	77	537699	41.787	ng	92
10) Phenol	6.85	94	1439360	66.271	ng	99
11) bis(2-Chloroethyl)ether	7.07	93	829556	47.913	ng	94
12) 1,3-Dichlorobenzene	7.51	146	930727	46.576	ng	97
13) 1,4-Dichlorobenzene	7.66	146	954595	46.757	ng	97
14) 1,2-Dichlorobenzene	7.97	146	928435	47.199	ng	99
15) Benzyl Alcohol	7.87	79	897571	60.848	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.16	45	1245658	51.497	ng	97
17) 2-Methylphenol	8.07	107	831141	59.620	ng	97
18) Hexachloroethane	8.68	117	338567	48.457	ng	98
19) n-Nitroso-di-n-propylamine	8.43	70	750812	56.502	ng	97
20) 3+4-Methylphenols	8.40	107	1159775	60.826	ng	97
22) Acetophenone	8.45	105	1429792	51.904	ng	# 97
24) Nitrobenzene	8.82	77	1074673	54.678	ng	94
25) Isophorone	9.35	82	2036279	66.366	ng	98
26) 2-Nitrophenol	9.52	139	534847	56.939	ng	96
27) 2,4-Dimethylphenol	9.59	122	945530	69.692	ng	99
28) bis(2-Chloroethoxy)methane	9.83	93	1243121	57.563	ng	99
29) 2,4-Dichlorophenol	10.05	162	983882	62.459	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	940447	49.767	ng	99
31) Naphthalene	10.45	128	2921352	54.855	ng	99
32) Benzoic acid	9.70	122	136677m	13.502	ng	
33) 4-Chloroaniline	10.57	127	486065	21.133	ng	97
34) Hexachlorobutadiene	10.72	225	553460	46.224	ng	99
35) Caprolactam	11.38	113	336089m	58.544	ng	
36) 4-Chloro-3-methylphenol	11.70	107	1141552	64.290	ng	96
37) 2-Methylnaphthalene	12.06	142	2261408	62.053	ng	99
38) 1-Methylnaphthalene	12.29	142	2165734	61.059	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.44	216	1161663	48.001	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.41	237	1391942	118.975 ng	100
43) 2,4,6-Trichlorophenol	12.69	196	839864	59.783 ng	99
44) 2,4,5-Trichlorophenol	12.76	196	934514	62.033 ng	97
46) 1,1'-Biphenyl	13.09	154	2968092	47.996 ng	99
47) 2-Chloronaphthalene	13.13	162	2269335	49.882 ng	98
48) 2-Nitroaniline	13.36	65	781578	59.292 ng	96
49) Acenaphthylene	13.99	152	3882276	58.873 ng	99
50) Dimethylphthalate	13.74	163	3959026	74.674 ng	100
51) 2,6-Dinitrotoluene	13.86	165	704483	60.373 ng	97
52) Acenaphthene	14.33	154	2245247	54.227 ng	98
53) 3-Nitroaniline	14.19	138	518542	41.030 ng	94
54) 2,4-Dinitrophenol	14.40	184	573016	83.324 ng	98
55) Dibenzofuran	14.67	168	3640018	52.866 ng	100
56) 4-Nitrophenol	14.52	139	1775351	149.764 ng	94
57) 2,4-Dinitrotoluene	14.66	165	1002190	63.901 ng	92
58) Fluorene	15.32	166	3035308	59.558 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.90	232	887424	64.624 ng	98
60) Diethylphthalate	15.12	149	3180248	60.486 ng	99
61) 4-Chlorophenyl-phenylether	15.32	204	1525426	52.502 ng	97
62) 4-Nitroaniline	15.37	138	741351	52.111 ng	97
63) Azobenzene	15.62	77	3039040	59.466 ng	96
65) 4,6-Dinitro-2-methylphenol	15.42	198	604169	55.700 ng	95
66) n-Nitrosodiphenylamine	15.54	169	2712873	54.338 ng	98
67) 4-Bromophenyl-phenylether	16.22	248	990137	54.646 ng	99
68) Hexachlorobenzene	16.33	284	1082213	51.419 ng	99
69) Atrazine	16.51	200	1046025	58.540 ng	99
70) Pentachlorophenol	16.67	266	1419056	98.423 ng	98
71) Phenanthrene	17.07	178	4895607	54.987 ng	100
72) Anthracene	17.16	178	5013497	59.264 ng	100
73) Carbazole	17.43	167	4687654	54.246 ng	100
74) Di-n-butylphthalate	18.00	149	5695300	62.487 ng	100
75) Fluoranthene	19.09	202	5917969	59.071 ng	98
77) Benzidine	19.29	184	3518862	71.189 ng	99
78) Pyrene	19.45	202	5994782	55.022 ng	99
80) Butylbenzylphthalate	20.37	149	2745909	63.505 ng	95
81) Benzo(a)anthracene	21.20	228	6215595	56.660 ng	100
82) 3,3'-Dichlorobenzidine	21.14	252	1958506	47.902 ng	98
83) Chrysene	21.26	228	5815523	53.559 ng	98
84) Bis(2-ethylhexyl)phthalate	21.14	149	4111697	62.959 ng	99
85) Di-n-octyl phthalate	22.01	149	7025533	63.359 ng	98
86) Indeno(1,2,3-cd)pyrene	25.62	276	6826542	56.210 ng	100
88) Benzo(b)fluoranthene	22.76	252	6513522	58.538 ng	99
89) Benzo(k)fluoranthene	22.81	252	6130660	54.909 ng	99
90) Benzo(a)pyrene	23.33	252	6191467	58.605 ng	100
91) Dibenzo(a,h)anthracene	25.63	278	5830714	55.581 ng	99
92) Benzo(g,h,i)perylene	26.29	276	5591454	53.778 ng	99

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

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