Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080117\
Data File : BM011082.D
Acq On : 01 Aug 2017 15:01
Operator : SJ/JU
Sample : I4476-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMSD

Manual Integrations APPROVED
Sohil
8/2/2017 7:17:13 PM

Quant Time: Aug 01 16:31:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	231139	20.00	ng		-0.01
21) Naphthalene-d8	10.14	136	921787	20.00	ng		-0.01
38) Acenaphthene-d10	14.04	164	612406	20.00	ng		-0.01
63) Phenanthrene-d10	16.80	188	1449791	20.00	ng		-0.01
75) Chrysene-d12	21.02	240	1267471	20.00	ng		0.00
86) Perylene-d12	23.13	264	1043378	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	1695236	123.98	ng		0.00
7) Phenol-d6	6.59	99	2197983	113.14	ng		0.00
23) Nitrobenzene-d5	8.53	82	2164950	88.15	ng		0.00
41) 2,4,6-Tribromophenol	15.54	330	1284979	130.91	ng		-0.01
44) 2-Fluorobiphenyl	12.65	172	4264513	87.33	ng		-0.01
78) Terphenyl-d14	19.46	244	5655634	88.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	185448	30.207	ng	#	100
3) Pyridine	3.42	79	452240	26.969	ng	#	87
4) n-Nitrosodimethylamine	3.33	42	337874	39.538	ng	#	67
6) Aniline	6.74	93	578547	23.629	ng	#	87
8) 2-Chlorophenol	6.96	128	539973	38.897	ng	#	76
9) Benzaldehyde	6.54	77	259857	20.673	ng	#	67
10) Phenol	6.61	94	774572	36.708	ng		99
11) bis(2-Chloroethyl)ether	6.83	93	688658	41.886	ng		91
12) 1,3-Dichlorobenzene	7.27	146	578526	34.195	ng	#	74
13) 1,4-Dichlorobenzene	7.42	146	608372	35.082	ng	#	86
14) 1,2-Dichlorobenzene	7.73	146	574673	34.659	ng	#	88
15) Benzyl Alcohol	7.63	79	831075	44.593	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	7.92	45	619995	41.906	ng		73
17) 2-Methylphenol	7.83	107	565310	41.918	ng	#	75
18) Hexachloroethane	8.44	117	265190	35.066	ng	#	80
19) n-Nitroso-di-n-propylamine	8.20	70	721985	43.733	ng	#	90
20) 3+4-Methylphenols	8.16	107	763454	40.725	ng	#	81
22) Acetophenone	8.20	105	1128457	40.840	ng	#	91
24) Nitrobenzene	8.57	77	1083353	42.567	ng	#	84
25) Isophorone	9.10	82	1817224	44.377	ng	#	84
26) 2-Nitrophenol	9.27	139	329197	40.652	ng	#	16
27) 2,4-Dimethylphenol	9.35	122	597011	41.879	ng	#	77
28) bis(2-Chloroethoxy)methane	9.59	93	998905	43.736	ng		99
29) 2,4-Dichlorophenol	9.80	162	669171	41.774	ng		90
30) 1,2,4-Trichlorobenzene	10.01	180	781826	39.473	ng		99
31) Naphthalene	10.19	128	1876054	40.457	ng		99
32) Benzoic acid	9.50	122	366655	31.999	ng	#	55
33) 4-Chloroaniline	10.33	127	302962	16.377	ng	#	74
34) Hexachlorobutadiene	10.48	225	606351	38.868	ng		97
35) Caprolactam	11.11	113	135283m	29.780	ng		
36) 4-Chloro-3-methylphenol	11.45	107	830671	40.159	ng	#	73
37) 2-Methylnaphthalene	11.82	142	1523781	44.731	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	1096116	41.660	ng	#	100
40) Hexachlorocyclopentadiene	12.18	237	1665279	108.621	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.45	196	681348	42.784	ng		97
43) 2,4,5-Trichlorophenol	12.52	196	706924	43.100	ng	#	87
45) 1,1'-Biphenyl	12.86	154	2122803	40.088	ng		96
46) 2-Chloronaphthalene	12.90	162	1697653	43.512	ng		94
47) 2-Nitroaniline	13.12	65	660620	47.861	ng	#	65
48) Acenaphthylene	13.76	152	2501758	42.966	ng		98
49) Dimethylphthalate	13.52	163	2157597	41.184	ng	#	99
50) 2,6-Dinitrotoluene	13.63	165	452211	42.686	ng	#	56
51) Acenaphthene	14.10	154	1479349	41.033	ng		98
52) 3-Nitroaniline	13.96	138	350269	38.101	ng	#	27
53) 2,4-Dinitrophenol	14.17	184	597772	79.395	ng	#	90
54) Dibenzofuran	14.45	168	2693698	46.112	ng		92
55) 4-Nitrophenol	14.29	139	518823	64.235	ng		92
56) 2,4-Dinitrotoluene	14.43	165	631191	42.440	ng	#	93
57) Fluorene	15.10	166	2195480	43.166	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.68	232	717264	46.655	ng	#	100
59) Diethylphthalate	14.90	149	2219532	41.484	ng		99
60) 4-Chlorophenyl-phenylether	15.10	204	1316849	42.883	ng		96
61) 4-Nitroaniline	15.14	138	370357	37.928	ng	#	1
62) Azobenzene	15.40	77	2814709	49.155	ng		87
64) 4,6-Dinitro-2-methylphenol	15.19	198	400503	40.806	ng		93
65) n-Nitrosodiphenylamine	15.33	169	1809434	43.610	ng		99
66) 4-Bromophenyl-phenylether	16.00	248	868454	46.597	ng	#	91
67) Hexachlorobenzene	16.10	284	885289	42.035	ng	#	87
68) Atrazine	16.29	200	476473	28.656	ng		95
69) Pentachlorophenol	16.46	266	1061550	79.393	ng		96
70) Phenanthrene	16.84	178	3410631	44.928	ng		99
71) Anthracene	16.93	178	3393026	44.816	ng		99
72) Carbazole	17.21	167	2590782	39.129	ng		99
73) Di-n-butylphthalate	17.80	149	3331733	41.321	ng	#	95
74) Fluoranthene	18.87	202	3786187	40.246	ng		98
76) Benzidine	19.08	184	306692	10.115	ng		99
77) Pyrene	19.24	202	3814043	50.644	ng		100
79) Butylbenzylphthalate	20.17	149	1268942	47.383	ng	#	68
80) Benzo(a)anthracene	21.00	228	3200152	44.218	ng		100
81) 3,3'-Dichlorobenzidine	20.95	252	746661	26.299	ng	#	97
82) Chrysene	21.06	228	2949649	42.459	ng		99
83) Bis(2-ethylhexyl)phthalate	20.97	149	1714498	43.518	ng	#	99
84) Di-n-octyl phthalate	21.82	149	2581925	40.379	ng		98
85) Indeno(1,2,3-cd)pyrene	25.20	276	3304831	45.934	ng	#	96
87) Benzo(b)fluoranthene	22.51	252	2924674	43.674	ng	#	91
88) Benzo(k)fluoranthene	22.55	252	2821448	43.959	ng	#	95
89) Benzo(a)pyrene	23.04	252	2759220	45.536	ng	#	96
90) Dibenzo(a,h)anthracene	25.21	278	2677139	47.658	ng	#	90
91) Benzo(g,h,i)perylene	25.84	276	2733546	49.557	ng	#	83

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

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