Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072617\
Data File : BM010993.D
Acq On : 27 Jul 2017 04:35
Operator : SJ/JU
Sample : I4391-03MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BU-02-072117-AMS

Manual Integrations APPROVED
Sohil
7/27/2017 6:21:45 PM

Quant Time: Jul 27 10:14:07 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	7.39	152	184408	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	817332	20.00	ng		0.00
38) Acenaphthene-d10	14.05	164	573982	20.00	ng		0.00
63) Phenanthrene-d10	16.80	188	1507297	20.00	ng		0.00
75) Chrysene-d12	21.03	240	1244410	20.00	ng		0.00
86) Perylene-d12	23.14	264	75074	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	1284190	117.72	ng		0.00
7) Phenol-d6	6.59	99	1612801	104.05	ng		0.00
23) Nitrobenzene-d5	8.54	82	1608184	73.85	ng		0.00
41) 2,4,6-Tribromophenol	15.55	330	1281269	139.27	ng		0.00
44) 2-Fluorobiphenyl	12.66	172	3841168	83.93	ng		0.00
78) Terphenyl-d14	19.47	244	6163703	98.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	134236	27.406	ng	#	100
3) Pyridine	3.43	79	279868	20.919	ng		90
4) n-Nitrosodimethylamine	3.33	42	259614	38.078	ng	#	64
6) Aniline	6.75	93	154000	7.883	ng	#	87
8) 2-Chlorophenol	6.96	128	414017	37.382	ng		84
9) Benzaldehyde	6.55	77	193987	19.343	ng	#	72
10) Phenol	6.62	94	550276	32.687	ng		96
11) bis(2-Chloroethyl)ether	6.84	93	457574	34.883	ng		90
12) 1,3-Dichlorobenzene	7.28	146	426413	31.591	ng	#	79
13) 1,4-Dichlorobenzene	7.43	146	447420	32.338	ng	#	91
14) 1,2-Dichlorobenzene	7.73	146	441276	33.358	ng	#	88
15) Benzyl Alcohol	7.64	79	151982	10.221	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	7.93	45	439892	37.267	ng		78
17) 2-Methylphenol	7.85	107	389070	36.161	ng	#	77
18) Hexachloroethane	8.45	117	203861	33.787	ng	#	80
19) n-Nitroso-di-n-propylamine	8.20	70	531753	40.372	ng	#	92
20) 3+4-Methylphenols	8.17	107	533128	35.645	ng	#	82
22) Acetophenone	8.21	105	824948	33.671	ng	#	92
24) Nitrobenzene	8.58	77	792987	35.140	ng	#	85
25) Isophorone	9.10	82	1337051	36.824	ng	#	87
26) 2-Nitrophenol	9.28	139	252071	35.106	ng	#	17
27) 2,4-Dimethylphenol	9.36	122	435459	34.450	ng	#	76
28) bis(2-Chloroethoxy)methane	9.59	93	333739	16.480	ng		95
29) 2,4-Dichlorophenol	9.81	162	551150	38.803	ng		91
30) 1,2,4-Trichlorobenzene	10.02	180	619253	35.261	ng		99
31) Naphthalene	10.20	128	1514887	36.843	ng		99
32) Benzoic acid	9.51	122	332112	32.688	ng	#	65
33) 4-Chloroaniline	10.35	127	61991	3.779	ng	#	75
34) Hexachlorobutadiene	10.49	225	487053	35.211	ng		97
35) Caprolactam	11.16	113	97442m	24.191	ng		
36) 4-Chloro-3-methylphenol	11.46	107	679286	37.038	ng	#	75
37) 2-Methylnaphthalene	11.83	142	1262850	41.809	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.21	216	919795	37.299	ng	#	100
40) Hexachlorocyclopentadiene	12.19	237	1407324	97.940	ng		98

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42) 2,4,6-Trichlorophenol	12.46	196	584101	39.133	ng		95
43) 2,4,5-Trichlorophenol	12.53	196	643365	41.851	ng	#	84
45) 1,1'-Biphenyl	12.87	154	1829475	36.861	ng		96
46) 2-Chloronaphthalene	12.90	162	1427643	39.041	ng	#	94
47) 2-Nitroaniline	13.13	65	276686	21.388	ng	#	71
48) Acenaphthylene	13.76	152	1502223	27.527	ng		100
49) Dimethylphthalate	13.53	163	1981721	40.360	ng	#	98
50) 2,6-Dinitrotoluene	13.64	165	418283	42.126	ng	#	57
51) Acenaphthene	14.12	154	1283034	37.970	ng		100
52) 3-Nitroaniline	13.97	138	156747	18.192	ng	#	34
53) 2,4-Dinitrophenol	14.18	184	612297	86.768	ng	#	90
54) Dibenzofuran	14.46	168	2468863	45.092	ng	#	90
55) 4-Nitrophenol	14.29	139	522943	69.079	ng		88
56) 2,4-Dinitrotoluene	14.43	165	602701	43.237	ng		94
57) Fluorene	15.11	166	2041547	42.827	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.69	232	691295	47.976	ng	#	100
59) Diethylphthalate	14.91	149	2171625	43.306	ng		98
60) 4-Chlorophenyl-phenylether	15.11	204	1258620	43.731	ng		97
61) 4-Nitroaniline	15.14	138	139801	15.275	ng	#	1
62) Azobenzene	15.40	77	2312742	43.093	ng		88
64) 4,6-Dinitro-2-methylphenol	15.20	198	402122	39.408	ng		92
65) n-Nitrosodiphenylamine	15.33	169	267851	6.209	ng		97
66) 4-Bromophenyl-phenylether	16.01	248	852482	43.995	ng	#	91
67) Hexachlorobenzene	16.12	284	877866	40.093	ng	#	88
69) Pentachlorophenol	16.46	266	1099000	79.058	ng		97
70) Phenanthrene	16.85	178	3361748	42.594	ng		99
71) Anthracene	16.94	178	3233020	41.073	ng		99
72) Carbazole	17.22	167	246128	3.575	ng		99
73) Di-n-butylphthalate	17.80	149	3455013	41.215	ng	#	97
74) Fluoranthene	18.88	202	3707876	37.910	ng		99
77) Pyrene	19.24	202	2947060	39.857	ng		98
79) Butylbenzylphthalate	20.18	149	1055581	40.146	ng	#	67
80) Benzo(a)anthracene	21.01	228	2965989	41.742	ng		99
82) Chrysene	21.06	228	2855532	41.866	ng		99
83) Bis(2-ethylhexyl)phthalate	20.97	149	1805289	46.672	ng	#	99
84) Di-n-octyl phthalate	21.82	149	2628067	41.862	ng		99
85) Indeno(1,2,3-cd)pyrene	25.21	276	1524418	21.581	ng		95
87) Benzo(b)fluoranthene	22.52	252	2582424	535.955	ng	#	92
88) Benzo(k)fluoranthene	22.56	252	2056116	445.223	ng	#	94
89) Benzo(a)pyrene	23.04	252	1481857	339.878	ng	#	94
90) Dibenzo(a,h)anthracene	25.23	278	2038357	504.314	ng	#	89
91) Benzo(g,h,i)perylene	25.84	276	1302467	328.169	ng	#	84

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

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