Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072117\
Data File : BM010941.D
Acq On : 21 Jul 2017 18:23
Operator : SJ/JU
Sample : I4280-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-01-071817-AMS

Manual Integrations APPROVED
Sohil
7/24/2017 3:08:06 PM

Quant Time: Jul 22 04:33:21 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	253156	20.00	ng		-0.02
21) Naphthalene-d8	10.19	136	1009441	20.00	ng		-0.02
38) Acenaphthene-d10	14.08	164	646490	20.00	ng		-0.02
63) Phenanthrene-d10	16.83	188	1570268	20.00	ng		-0.02
75) Chrysene-d12	21.06	240	1546651	20.00	ng		-0.01
86) Perylene-d12	23.18	264	1385486	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	2064338	135.08	ng		-0.01
7) Phenol-d6	6.63	99	2604747	123.63	ng		-0.01
23) Nitrobenzene-d5	8.57	82	2321277	88.39	ng		-0.02
41) 2,4,6-Tribromophenol	15.59	330	1442878	146.05	ng		-0.01
44) 2-Fluorobiphenyl	12.69	172	4665861	89.78	ng		-0.02
78) Terphenyl-d14	19.50	244	6971873	87.18	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	247863	36.756	ng	#	100
3) Pyridine	3.46	79	617252	33.487	ng		89
4) n-Nitrosodimethylamine	3.38	42	380108	40.349	ng	#	77
6) Aniline	6.77	93	734262	27.821	ng		92
8) 2-Chlorophenol	7.00	128	699078	46.201	ng		88
9) Benzaldehyde	6.59	77	328632	22.464	ng		84
10) Phenol	6.65	94	921327	41.360	ng		92
11) bis(2-Chloroethyl)ether	6.87	93	797780	46.501	ng		92
12) 1,3-Dichlorobenzene	7.32	146	783449	41.897	ng	#	79
13) 1,4-Dichlorobenzene	7.46	146	807504	41.846	ng	#	91
14) 1,2-Dichlorobenzene	7.77	146	794316	43.197	ng	#	91
15) Benzyl Alcohol	7.67	79	958542	48.047	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	7.96	45	712714	47.917	ng		78
17) 2-Methylphenol	7.87	107	673395	46.743	ng	#	80
18) Hexachloroethane	8.48	117	353112	43.626	ng	#	83
19) n-Nitroso-di-n-propylamine	8.23	70	761214	45.611	ng		90
20) 3+4-Methylphenols	8.20	107	908103	45.370	ng		85
22) Acetophenone	8.25	105	1339043	44.057	ng	#	98
24) Nitrobenzene	8.62	77	1187830	44.134	ng	#	89
25) Isophorone	9.14	82	2009194	46.701	ng	#	88
26) 2-Nitrophenol	9.32	139	399369	44.593	ng	#	37
27) 2,4-Dimethylphenol	9.39	122	691853	43.283	ng	#	69
28) bis(2-Chloroethoxy)methane	9.63	93	1127456	46.748	ng	#	98
29) 2,4-Dichlorophenol	9.85	162	779816	43.188	ng		94
30) 1,2,4-Trichlorobenzene	10.06	180	948459	42.967	ng		95
31) Naphthalene	10.23	128	2264796	44.125	ng		99
32) Benzoic acid	9.53	122	479572	38.239	ng	#	62
33) 4-Chloroaniline	10.36	127	239241	11.569	ng	#	78
34) Hexachlorobutadiene	10.52	225	715952	41.800	ng		96
35) Caprolactam	11.15	113	197545m	41.094	ng		
36) 4-Chloro-3-methylphenol	11.49	107	968857	44.359	ng	#	74
37) 2-Methylnaphthalene	11.86	142	1728712	46.892	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.24	216	1215249	43.125	ng	#	100
40) Hexachlorocyclopentadiene	12.22	237	1602808	99.219	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.49	196	775372	44.685	ng		96
43) 2,4,5-Trichlorophenol	12.56	196	824255	48.114	ng	#	89
45) 1,1'-Biphenyl	12.90	154	2392090	42.471	ng		97
46) 2-Chloronaphthalene	12.94	162	1903728	46.098	ng		94
47) 2-Nitroaniline	13.16	65	709213	52.241	ng	#	72
48) Acenaphthylene	13.79	152	2844537	46.311	ng		100
49) Dimethylphthalate	13.56	163	2506734	45.578	ng	#	97
50) 2,6-Dinitrotoluene	13.67	165	534122	49.511	ng	#	69
51) Acenaphthene	14.14	154	1744116	46.470	ng		96
52) 3-Nitroaniline	14.00	138	344083	35.085	ng	#	47
53) 2,4-Dinitrophenol	14.21	184	714306	95.784	ng	#	86
54) Dibenzofuran	14.48	168	3003328	49.469	ng	#	89
55) 4-Nitrophenol	14.32	139	703388	82.582	ng	#	1
56) 2,4-Dinitrotoluene	14.46	165	747898	49.962	ng	#	94
57) Fluorene	15.14	166	2455358	47.047	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.72	232	814561	51.173	ng	#	100
59) Diethylphthalate	14.94	149	2591632	47.713	ng		99
60) 4-Chlorophenyl-phenylether	15.14	204	1461971	45.602	ng		96
61) 4-Nitroaniline	15.17	138	457248	44.607	ng	#	1
62) Azobenzene	15.43	77	2945387	53.401	ng		89
64) 4,6-Dinitro-2-methylphenol	15.23	198	484105	46.753	ng		95
65) n-Nitrosodiphenylamine	15.36	169	2110143	46.963	ng		99
66) 4-Bromophenyl-phenylether	16.04	248	944795	47.476	ng	#	91
67) Hexachlorobenzene	16.14	284	998679	43.887	ng	#	91
68) Atrazine	16.33	200	849327	45.644	ng		99
69) Pentachlorophenol	16.49	266	1287942	88.289	ng		98
70) Phenanthrene	16.88	178	3903196	47.781	ng		99
71) Anthracene	16.97	178	3905857	48.168	ng		99
72) Carbazole	17.24	167	3182630	44.565	ng		100
73) Di-n-butylphthalate	17.83	149	4357652	51.575	ng	#	97
74) Fluoranthene	18.91	202	4636282	45.826	ng		98
76) Benzidine	19.11	184	233589	5.644	ng		100
77) Pyrene	19.27	202	4632756	51.669	ng		99
79) Butylbenzylphthalate	20.21	149	1664543	53.026	ng	#	73
80) Benzo(a)anthracene	21.04	228	4213466	47.015	ng		99
81) 3,3'-Dichlorobenzidine	20.99	252	1175703	33.364	ng	#	98
82) Chrysene	21.09	228	3948528	46.262	ng		99
83) Bis(2-ethylhexyl)phthalate	21.00	149	2331605	51.006	ng	#	99
84) Di-n-octyl phthalate	21.85	149	3665341	48.938	ng		100
85) Indeno(1,2,3-cd)pyrene	25.28	276	4257018	43.497	ng	#	100
87) Benzo(b)fluoranthene	22.56	252	4098085	46.566	ng	#	91
88) Benzo(k)fluoranthene	22.60	252	3875524	46.105	ng	#	95
89) Benzo(a)pyrene	23.09	252	3830998	47.824	ng	#	96
90) Dibenzo(a,h)anthracene	25.29	278	3462451	44.534	ng	#	92
91) Benzo(g,h,i)perylene	25.92	276	3614035	47.287	ng	#	85

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

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