Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
Data File : BM011179.D
Acq On : 09 Aug 2017 17:56
Operator : SJ/JU
Sample : I4625-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CLINTON-AVE-COMP-1MS

Manual Integrations APPROVED
Sohil
8/10/2017 6:11:46 PM

Quant Time: Aug 10 01:58:52 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	7.30	152	141236	20.00	ng		-0.09
21) Naphthalene-d8	10.05	136	522083	20.00	ng		-0.10
38) Acenaphthene-d10	13.96	164	373214	20.00	ng		-0.09
63) Phenanthrene-d10	16.72	188	960258	20.00	ng		-0.09
75) Chrysene-d12	20.95	240	1358787	20.00	ng		-0.08
86) Perylene-d12	23.03	264	1242295	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	4.94	112	1153322	138.04	ng		-0.09
7) Phenol-d6	6.50	99	1508473	127.07	ng		-0.09
23) Nitrobenzene-d5	8.45	82	1474844	106.02	ng		-0.09
41) 2,4,6-Tribromophenol	15.47	330	937472	156.72	ng		-0.08
44) 2-Fluorobiphenyl	12.57	172	2831825	95.16	ng		-0.09
78) Terphenyl-d14	19.39	244	5553268	80.96	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	154492	41.183	ng	#	100
3) Pyridine	3.32	79	342634	33.439	ng	#	88
4) n-Nitrosodimethylamine	3.23	42	268414	51.403	ng	#	66
6) Aniline	6.65	93	302160	20.196	ng	#	77
8) 2-Chlorophenol	6.87	128	352834	41.596	ng	#	72
9) Benzaldehyde	6.46	77	227369	29.602	ng	#	77
10) Phenol	6.53	94	520870	40.397	ng		91
11) bis(2-Chloroethyl)ether	6.75	93	440617	43.858	ng		91
12) 1,3-Dichlorobenzene	7.19	146	428093	41.411	ng	#	79
13) 1,4-Dichlorobenzene	7.33	146	438407	41.373	ng	#	89
14) 1,2-Dichlorobenzene	7.64	146	424383	41.888	ng	#	87
15) Benzyl Alcohol	7.55	79	576426	50.617	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	7.83	45	450290	49.809	ng		77
17) 2-Methylphenol	7.76	107	361362	43.852	ng	#	75
18) Hexachloroethane	8.35	117	205278	44.422	ng	#	78
19) n-Nitroso-di-n-propylamine	8.11	70	495568	49.126	ng	#	88
20) 3+4-Methylphenols	8.08	107	476834	41.627	ng	#	79
22) Acetophenone	8.12	105	732143	46.783	ng	#	87
24) Nitrobenzene	8.49	77	751561	52.139	ng	#	83
25) Isophorone	9.01	82	1204165	51.919	ng	#	83
26) 2-Nitrophenol	9.19	139	216329	47.166	ng	#	2
27) 2,4-Dimethylphenol	9.27	122	365299	45.243	ng	#	63
28) bis(2-Chloroethoxy)methane	9.50	93	634387	49.041	ng	#	96
29) 2,4-Dichlorophenol	9.72	162	421139	46.418	ng		90
30) 1,2,4-Trichlorobenzene	9.92	180	541615	48.280	ng		96
31) Naphthalene	10.10	128	1236733	47.088	ng		98
32) Benzoic acid	9.42	122	220497	33.976	ng	#	35
33) 4-Chloroaniline	10.25	127	110627	10.559	ng	#	64
34) Hexachlorobutadiene	10.39	225	441037	49.916	ng		98
35) Caprolactam	11.03	113	117967	45.849	ng		94
36) 4-Chloro-3-methylphenol	11.37	107	538769	45.989	ng	#	71
37) 2-Methylnaphthalene	11.73	142	943067	48.878	ng	#	84
39) 1,2,4,5-Tetrachlorobenzene	12.12	216	722639	45.068	ng	#	100
40) Hexachlorocyclopentadiene	12.09	237	997808	106.796	ng		95

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42) 2,4,6-Trichlorophenol	12.37	196	436336	44.959	ng		100
43) 2,4,5-Trichlorophenol	12.45	196	454121	45.431	ng	#	86
45) 1,1'-Biphenyl	12.78	154	1356777	42.043	ng		95
46) 2-Chloronaphthalene	12.82	162	1070945	45.041	ng	#	92
47) 2-Nitroaniline	13.05	65	482884	57.406	ng	#	59
48) Acenaphthylene	13.68	152	1629845	45.931	ng		99
49) Dimethylphthalate	13.45	163	1460107	45.733	ng	#	99
50) 2,6-Dinitrotoluene	13.56	165	312221	48.360	ng	#	45
51) Acenaphthene	14.03	154	1025004	46.652	ng		98
52) 3-Nitroaniline	13.89	138	214222	38.237	ng	#	24
53) 2,4-Dinitrophenol	14.10	184	405612	88.400	ng	#	82
54) Dibenzofuran	14.37	168	1785364	50.150	ng	#	90
55) 4-Nitrophenol	14.22	139	398551	80.969	ng	#	81
56) 2,4-Dinitrotoluene	14.36	165	451161	49.777	ng	#	77
57) Fluorene	15.03	166	1468907	47.390	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.60	232	507688	54.187	ng	#	100
59) Diethylphthalate	14.83	149	1561154	47.879	ng		99
60) 4-Chlorophenyl-phenylether	15.03	204	907050	48.469	ng		98
61) 4-Nitroaniline	15.06	138	197608	33.207	ng	#	1
62) Azobenzene	15.33	77	2107879	60.404	ng		86
64) 4,6-Dinitro-2-methylphenol	15.12	198	311883	47.976	ng		96
65) n-Nitrosodiphenylamine	15.25	169	1271986	46.286	ng		99
66) 4-Bromophenyl-phenylether	15.93	248	602431	48.801	ng	#	89
67) Hexachlorobenzene	16.03	284	631093	45.242	ng	#	88
68) Atrazine	16.23	200	539395	48.979	ng		95
69) Pentachlorophenol	16.38	266	868435	98.062	ng		99
70) Phenanthrene	16.76	178	2605174	51.812	ng		100
71) Anthracene	16.86	178	2654034	52.926	ng		99
72) Carbazole	17.14	167	2200966	50.188	ng		97
73) Di-n-butylphthalate	17.73	149	2765771	51.789	ng	#	96
74) Fluoranthene	18.80	202	3541025	56.829	ng		99
76) Benzidine	19.02	184	82481	2.537	ng	#	83
77) Pyrene	19.16	202	3695213	45.768	ng		99
79) Butylbenzylphthalate	20.11	149	1370032	47.720	ng	#	59
80) Benzo(a)anthracene	20.93	228	3934119	50.707	ng		99
81) 3,3'-Dichlorobenzidine	20.89	252	859331	28.233	ng	#	97
82) Chrysene	20.99	228	3675264	49.349	ng		99
83) Bis(2-ethylhexyl)phthalate	20.90	149	1992989	47.187	ng	#	98
84) Di-n-octyl phthalate	21.74	149	3383681	49.361	ng		97
85) Indeno(1,2,3-cd)pyrene	25.05	276	3943858	51.132	ng	#	96
87) Benzo(b)fluoranthene	22.42	252	3923975	49.214	ng	#	92
88) Benzo(k)fluoranthene	22.46	252	3702414	48.448	ng	#	94
89) Benzo(a)pyrene	22.94	252	3689012	51.132	ng	#	96
90) Dibenzo(a,h)anthracene	25.07	278	3246700	48.543	ng	#	90
91) Benzo(g,h,i)perylene	25.67	276	3261084m	49.654	ng		

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

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