Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040517\
Data File : BM009536.D
Acq On : 04 Apr 2017 19:03
Operator : SJ/MA
Sample : I2493-17MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LSS-SP05-COMPMS

Manual Integrations APPROVED
UGO
4/5/2017 7:59:45 PM

Quant Time: Apr 05 04:36:49 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 12:10:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	111456	20.00	ng		-0.02
21) Naphthalene-d8	10.64	136	438724	20.00	ng		-0.02
38) Acenaphthene-d10	14.49	164	268469	20.00	ng		-0.02
63) Phenanthrene-d10	17.24	188	628008	20.00	ng		-0.01
75) Chrysene-d12	21.42	240	860713	20.00	ng		-0.01
86) Perylene-d12	23.74	264	776346	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	981251	146.75	ng		-0.01
7) Phenol-d6	7.00	99	1319019	144.65	ng		-0.02
23) Nitrobenzene-d5	9.01	82	1102639	94.23	ng		-0.02
41) 2,4,6-Tribromophenol	15.98	330	594027	178.11	ng		-0.02
44) 2-Fluorobiphenyl	13.10	172	2104829	94.47	ng		-0.02
78) Terphenyl-d14	19.86	244	3640578	88.39	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	114184	33.96	ng	#	100
3) Pyridine	3.76	79	314592	33.11	ng	#	78
4) n-Nitrosodimethylamine	3.67	42	234801	46.42	ng	#	66
6) Aniline	7.18	93	300198	24.23	ng	#	89
8) 2-Chlorophenol	7.40	128	358107	52.82	ng	#	78
9) Benzaldehyde	6.99	77	150964	21.03	ng		84
10) Phenol	7.03	94	477977	48.38	ng		90
11) bis(2-Chloroethyl)ether	7.28	93	386093	47.68	ng	#	76
12) 1,3-Dichlorobenzene	7.73	146	379927	46.81	ng	#	88
13) 1,4-Dichlorobenzene	7.88	146	389701	46.46	ng	#	94
14) 1,2-Dichlorobenzene	8.19	146	384480	47.21	ng	#	91
15) Benzyl Alcohol	8.09	79	428571	53.76	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.38	45	656750	46.66	ng		98
17) 2-Methylphenol	8.28	107	336348	52.03	ng	#	87
18) Hexachloroethane	8.92	117	163702	47.71	ng	#	90
19) n-Nitroso-di-n-propylamine	8.65	70	389610	53.00	ng	#	88
20) 3+4-Methylphenols	8.61	107	454947	51.76	ng		87
22) Acetophenone	8.67	105	620836	50.18	ng	#	88
24) Nitrobenzene	9.05	77	570940	49.80	ng		92
25) Isophorone	9.57	82	956299	53.57	ng	#	88
26) 2-Nitrophenol	9.76	139	190344	55.05	ng	#	60
27) 2,4-Dimethylphenol	9.81	122	361252	57.12	ng	#	84
28) bis(2-Chloroethoxy)methane	10.05	93	552368	49.98	ng		97
29) 2,4-Dichlorophenol	10.29	162	374445	56.63	ng		93
30) 1,2,4-Trichlorobenzene	10.50	180	401106	48.89	ng		99
31) Naphthalene	10.69	128	1155021	49.60	ng		100
32) Benzoic acid	9.93	122	170090	38.40	ng	#	79
33) 4-Chloroaniline	10.81	127	58270	6.49	ng	#	73
34) Hexachlorobutadiene	10.96	225	260797	46.42	ng		97
35) Caprolactam	11.60	113	94047m	46.59	ng		
36) 4-Chloro-3-methylphenol	11.92	107	428284	57.25	ng	#	80
37) 2-Methylnaphthalene	12.30	142	855765	53.24	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	474242	46.79	ng	#	100
40) Hexachlorocyclopentadiene	12.64	237	578938	99.52	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.91	196	320629	55.32	ng		98
43) 2,4,5-Trichlorophenol	12.98	196	346314	53.56	ng	#	87
45) 1,1'-Biphenyl	13.32	154	1131557	50.64	ng		96
46) 2-Chloronaphthalene	13.36	162	904257	52.10	ng		94
47) 2-Nitroaniline	13.57	65	366973	57.39	ng	#	69
48) Acenaphthylene	14.21	152	1439131	50.91	ng		99
49) Dimethylphthalate	13.95	163	1150539	55.82	ng	#	99
50) 2,6-Dinitrotoluene	14.07	165	249604	56.19	ng	#	70
51) Acenaphthene	14.55	154	886420	51.97	ng		99
52) 3-Nitroaniline	14.40	138	119331	27.27	ng	#	68
53) 2,4-Dinitrophenol	14.61	184	308898	101.53	ng		95
54) Dibenzofuran	14.89	168	1433022	56.82	ng		94
55) 4-Nitrophenol	14.70	139	406487	112.37	ng	#	20
56) 2,4-Dinitrotoluene	14.86	165	362169	60.26	ng		98
57) Fluorene	15.54	166	1201102	52.98	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.11	232	322795	59.02	ng	#	100
59) Diethylphthalate	15.30	149	1209481	57.84	ng		97
60) 4-Chlorophenyl-phenylether	15.53	204	624357	52.74	ng		99
61) 4-Nitroaniline	15.57	138	264651	55.68	ng	#	34
62) Azobenzene	15.82	77	1530090	62.68	ng		85
64) 4,6-Dinitro-2-methylphenol	15.62	198	210754	53.27	ng		89
65) n-Nitrosodiphenylamine	15.75	169	1021197	53.53	ng		98
66) 4-Bromophenyl-phenylether	16.43	248	395674	54.38	ng	#	91
67) Hexachlorobenzene	16.54	284	429257	53.82	ng	#	92
68) Atrazine	16.70	200	249825	34.82	ng		96
69) Pentachlorophenol	16.89	266	522190	107.18	ng		99
70) Phenanthrene	17.28	178	1932364	53.81	ng		99
71) Anthracene	17.37	178	2001892	55.06	ng		99
72) Carbazole	17.65	167	1783085	51.21	ng		99
73) Di-n-butylphthalate	18.19	149	2149916	60.45	ng	#	97
74) Fluoranthene	19.29	202	2409108	56.64	ng		98
76) Benzidine	19.49	184	172477	6.72	ng		99
77) Pyrene	19.66	202	2494474	51.10	ng		99
79) Butylbenzylphthalate	20.54	149	1023111	58.20	ng	#	72
80) Benzo(a)anthracene	21.40	228	2700052	53.71	ng		99
81) 3,3'-Dichlorobenzidine	21.33	252	356038	18.91	ng	#	97
82) Chrysene	21.45	228	2443700	50.91	ng		98
83) Bis(2-ethylhexyl)phthalate	21.31	149	1523542	58.08	ng		98
84) Di-n-octyl phthalate	22.21	149	2644661	60.58	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.11	276	3030624	57.89	ng	#	100
87) Benzo(b)fluoranthene	23.03	252	2717923	55.23	ng	#	95
88) Benzo(k)fluoranthene	23.08	252	2721149	57.50	ng		99
89) Benzo(a)pyrene	23.64	252	2592496	56.89	ng		99
90) Dibenzo(a,h)anthracene	26.12	278	2590894	58.04	ng	#	95
91) Benzo(g,h,i)perylene	26.84	276	2436690	55.99	ng	#	92

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

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