Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
Data File : BM017916.D
Acq On : 04 Dec 2018 23:23
Operator : JU/SJ
Sample : J5761-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AU-06-112918MS

Manual Integrations APPROVED
mohammad
12/5/2018 4:50:15 PM

Quant Time: Dec 05 01:20:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	262219	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	1041761	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	506028	20.00	ng	-0.03
64) Phenanthrene-d10	16.99	188	939361	20.00	ng	-0.02
76) Chrysene-d12	21.20	240	890788	20.00	ng	-0.02
87) Perylene-d12	23.39	264	967356	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1288169	82.91	ng	-0.02
7) Phenol-d6	6.78	99	1690284	77.89	ng	-0.02
23) Nitrobenzene-d5	8.74	82	1004089	49.76	ng	-0.04
42) 2,4,6-Tribromophenol	15.74	330	518168	71.27	ng	-0.02
45) 2-Fluorobiphenyl	12.84	172	2094934	53.71	ng	-0.04
79) Terphenyl-d14	19.64	244	2087850	53.12	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	112152	17.331	ng	# 85
3) Pyridine	3.59	79	349663	18.421	ng	# 83
4) n-Nitrosodimethylamine	3.51	42	154738	18.506	ng	81
6) Aniline	6.93	93	190256	7.070	ng	96
8) 2-Chlorophenol	7.16	128	487963	26.242	ng	94
9) Benzaldehyde	6.75	77	252705	15.986	ng	92
10) Phenol	6.80	94	697223	30.610	ng	95
11) bis(2-Chloroethyl)ether	7.03	93	424988	23.635	ng	94
12) 1,3-Dichlorobenzene	7.47	146	505163	24.214	ng	97
13) 1,4-Dichlorobenzene	7.62	146	522429	24.431	ng	98
14) 1,2-Dichlorobenzene	7.93	146	494763	23.862	ng	99
15) Benzyl Alcohol	7.83	79	390893	22.619	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.12	45	476108	17.391	ng	90
17) 2-Methylphenol	8.03	107	387026	25.223	ng	96
18) Hexachloroethane	8.63	117	131263	17.417	ng	100
19) n-Nitroso-di-n-propylamine	8.39	70	336111	21.571	ng	90
20) 3+4-Methylphenols	8.36	107	520609	24.420	ng	96
22) Acetophenone	8.40	105	690231	26.547	ng	# 93
24) Nitrobenzene	8.78	77	495446	24.199	ng	96
25) Isophorone	9.30	82	890606	28.575	ng	97
26) 2-Nitrophenol	9.48	139	202203	21.441	ng	94
27) 2,4-Dimethylphenol	9.55	122	433046	31.862	ng	96
28) bis(2-Chloroethoxy)methane	9.78	93	564711	26.752	ng	96
29) 2,4-Dichlorophenol	10.02	162	426247	27.017	ng	98
30) 1,2,4-Trichlorobenzene	10.22	180	455404	24.818	ng	98
31) Naphthalene	10.40	128	1621992	31.667	ng	99
32) Benzoic acid	9.67	122	77240m	6.274	ng	
33) 4-Chloroaniline	10.53	127	198617	8.854	ng	96
34) Hexachlorobutadiene	10.67	225	278301	24.430	ng	99
35) Caprolactam	11.33	113	129732	22.329	ng	# 78
36) 4-Chloro-3-methylphenol	11.67	107	442386	24.286	ng	99
37) 2-Methylnaphthalene	12.02	142	1112568	30.733	ng	99
38) 1-Methylnaphthalene	12.25	142	994606	28.021	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	480152	26.908	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	13225	1.434	ng		97
43) 2,4,6-Trichlorophenol	12.65	196	320406	28.667	ng		98
44) 2,4,5-Trichlorophenol	12.73	196	329801	27.946	ng		98
46) 1,1'-Biphenyl	13.06	154	1219727	26.853	ng		99
47) 2-Chloronaphthalene	13.10	162	894346	26.527	ng		99
48) 2-Nitroaniline	13.32	65	271273	26.018	ng		90
49) Acenaphthylene	13.95	152	1443834	28.504	ng		99
50) Dimethylphthalate	13.70	163	1267628	30.811	ng		99
51) 2,6-Dinitrotoluene	13.83	165	215791	23.555	ng		92
52) Acenaphthene	14.30	154	997210	32.079	ng		98
53) 3-Nitroaniline	14.16	138	232691	23.329	ng		92
54) 2,4-Dinitrophenol	14.39	184	3364	7.671	ng	#	76
55) Dibenzofuran	14.64	168	1472739	28.990	ng		97
56) 4-Nitrophenol	14.49	139	351649	44.300	ng		90
57) 2,4-Dinitrotoluene	14.63	165	269911	21.856	ng		95
58) Fluorene	15.29	166	1299467	33.413	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	278055	25.616	ng		99
60) Diethylphthalate	15.07	149	1040859	23.415	ng		99
61) 4-Chlorophenyl-phenylether	15.29	204	517098	23.402	ng		99
62) 4-Nitroaniline	15.33	138	238884	25.412	ng		92
63) Azobenzene	15.58	77	911489	22.181	ng		93
65) 4,6-Dinitro-2-methylphenol	15.40	198	6098	0.937	ng	#	23
66) n-Nitrosodiphenylamine	15.51	169	881098	29.174	ng		100
67) 4-Bromophenyl-phenylether	16.19	248	298895	26.904	ng		94
68) Hexachlorobenzene	16.30	284	318092	25.398	ng		95
69) Atrazine	16.47	200	302082	27.195	ng		96
70) Pentachlorophenol	16.64	266	357517	40.741	ng		100
71) Phenanthrene	17.03	178	3097662	60.772	ng		100
72) Anthracene	17.13	178	1970344	39.725	ng		98
73) Carbazole	17.40	167	1408564	28.104	ng		99
74) Di-n-butylphthalate	17.97	149	1591898	28.532	ng		98
75) Fluoranthene	19.06	202	3006464	52.130	ng		99
77) Benzidine	19.27	184	904566	31.184	ng		99
78) Pyrene	19.43	202	2750487	50.043	ng		99
80) Butylbenzylphthalate	20.34	149	649075	29.076	ng		97
81) Benzo(a)anthracene	21.19	228	2056948	40.081	ng		100
82) 3,3'-Dichlorobenzidine	21.12	252	372233	18.793	ng		96
83) Chrysene	21.24	228	1837593	36.866	ng		99
84) Bis(2-ethylhexyl)phthalate	21.12	149	936357	28.373	ng		97
85) Di-n-octyl phthalate	21.99	149	1601678	30.310	ng	#	94
86) Indeno(1,2,3-cd)pyrene	25.57	276	1960642	49.223	ng		100
88) Benzo(b)fluoranthene	22.74	252	2003364	35.363	ng		97
89) Benzo(k)fluoranthene	22.78	252	1743251	30.445	ng		100
90) Benzo(a)pyrene	23.29	252	1899908	36.781	ng		99
91) Dibenzo(a,h)anthracene	25.58	278	1476014	33.989	ng		98
92) Benzo(g,h,i)perylene	26.24	276	1679091	41.117	ng		99

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

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