Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
Data File : BM017236.D
Acq On : 19 Oct 2018 18:52
Operator : MJ/SJ
Sample : PB113945BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB113945BS

Manual Integrations APPROVED
Sohil
10/22/2018 1:09:22 PM

Quant Time: Oct 20 04:24:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	318649	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	1374536	20.00	ng		0.00
39) Acenaphthene-d10	14.31	164	780193	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	1578046	20.00	ng		-0.01
76) Chrysene-d12	21.25	240	1257354	20.00	ng		-0.01
87) Perylene-d12	23.46	264	1026342	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	2686292	142.58	ng		0.00
7) Phenol-d6	6.86	99	3501078	136.45	ng		0.00
23) Nitrobenzene-d5	8.82	82	1931824	82.20	ng		-0.01
42) 2,4,6-Tribromophenol	15.80	330	1333892	126.42	ng		-0.01
45) 2-Fluorobiphenyl	12.93	172	4793188	81.74	ng		0.00
79) Terphenyl-d14	19.70	244	4213922	75.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	284416	29.564	ng	#	85
3) Pyridine	3.65	79	812377	36.699	ng	#	84
4) n-Nitrosodimethylamine	3.56	42	390809	43.979	ng	#	68
6) Aniline	7.01	93	1225057	38.170	ng		97
8) 2-Chlorophenol	7.24	128	980861	45.002	ng		97
9) Benzaldehyde	6.82	77	418972	25.609	ng		96
10) Phenol	6.88	94	1188771	43.047	ng		98
11) bis(2-Chloroethyl)ether	7.11	93	858475	38.997	ng		98
12) 1,3-Dichlorobenzene	7.56	146	1015211	39.957	ng		97
13) 1,4-Dichlorobenzene	7.70	146	1033618	39.818	ng		96
14) 1,2-Dichlorobenzene	8.02	146	981194	39.231	ng		97
15) Benzyl Alcohol	7.92	79	845199	45.064	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1174856	38.200	ng		99
17) 2-Methylphenol	8.11	107	802103	45.252	ng		96
18) Hexachloroethane	8.73	117	370962	41.758	ng		97
19) n-Nitroso-di-n-propylamine	8.47	70	702925	41.604	ng		99
20) 3+4-Methylphenols	8.44	107	1088033	44.880	ng		97
22) Acetophenone	8.49	105	1411248	40.503	ng		99
24) Nitrobenzene	8.86	77	1046877	42.111	ng		95
25) Isophorone	9.39	82	1828382	47.113	ng		98
26) 2-Nitrophenol	9.57	139	498214	43.437	ng		95
27) 2,4-Dimethylphenol	9.63	122	899817	52.435	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	1185578	43.403	ng		98
29) 2,4-Dichlorophenol	10.09	162	937620	47.059	ng		99
30) 1,2,4-Trichlorobenzene	10.30	180	968539	40.522	ng		99
31) Naphthalene	10.49	128	2898569	43.031	ng		99
32) Benzoic acid	9.79	122	551458	43.069	ng		89
33) 4-Chloroaniline	10.61	127	589957	20.279	ng		98
34) Hexachlorobutadiene	10.77	225	594922	39.283	ng		98
35) Caprolactam	11.41	113	249883m	34.413	ng		
36) 4-Chloro-3-methylphenol	11.74	107	979182	43.599	ng		97
37) 2-Methylnaphthalene	12.11	142	2177487	47.239	ng		98
38) 1-Methylnaphthalene	12.33	142	2057028	45.851	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	1143576	41.621	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1657505	124.787	ng		98
43) 2,4,6-Trichlorophenol	12.73	196	743066	46.588	ng		100
44) 2,4,5-Trichlorophenol	12.80	196	785236	45.911	ng		96
46) 1,1'-Biphenyl	13.14	154	2808427	40.001	ng		99
47) 2-Chloronaphthalene	13.17	162	2136450	41.363	ng		99
48) 2-Nitroaniline	13.39	65	594575	41.605	ng		96
49) Acenaphthylene	14.03	152	3392913	45.319	ng		99
50) Dimethylphthalate	13.77	163	2514021	41.766	ng		99
51) 2,6-Dinitrotoluene	13.90	165	548002	41.365	ng		98
52) Acenaphthene	14.37	154	1975420	42.023	ng		98
53) 3-Nitroaniline	14.23	138	359541	25.058	ng		96
54) 2,4-Dinitrophenol	14.43	184	589924	76.325	ng		97
55) Dibenzofuran	14.71	168	3148057	40.271	ng		98
56) 4-Nitrophenol	14.54	139	906367	69.941	ng		91
57) 2,4-Dinitrotoluene	14.69	165	745690	41.879	ng	#	97
58) Fluorene	15.36	166	2486107	42.967	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	702002	45.028	ng		97
60) Diethylphthalate	15.15	149	2455467	41.134	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	1287404	39.028	ng		98
62) 4-Nitroaniline	15.40	138	529604	34.553	ng		95
63) Azobenzene	15.66	77	2404642	41.444	ng		99
65) 4,6-Dinitro-2-methylphenol	15.45	198	409696	41.534	ng		97
66) n-Nitrosodiphenylamine	15.58	169	2167963	45.409	ng		99
67) 4-Bromophenyl-phenylether	16.26	248	807203	46.586	ng		96
68) Hexachlorobenzene	16.36	284	858080	42.633	ng		99
69) Atrazine	16.54	200	747983	43.773	ng		97
70) Pentachlorophenol	16.71	266	978746	70.987	ng		99
71) Phenanthrene	17.10	178	3679346	43.215	ng		100
72) Anthracene	17.19	178	3753373	46.396	ng		99
73) Carbazole	17.47	167	3150701	38.126	ng		100
74) Di-n-butylphthalate	18.04	149	3683686	42.263	ng		99
75) Fluoranthene	19.12	202	3770787	39.359	ng		100
77) Benzidine	19.32	184	1683847	52.815	ng		98
78) Pyrene	19.49	202	3786425	53.881	ng		100
80) Butylbenzylphthalate	20.40	149	1328354	49.424	ng		94
81) Benzo(a)anthracene	21.23	228	3158954	44.645	ng		100
82) 3,3'-Dichlorobenzidine	21.17	252	713389	27.052	ng		99
83) Chrysene	21.29	228	2967199	42.368	ng		100
84) Bis(2-ethylhexyl)phthalate	21.17	149	1815075	44.765	ng		100
85) Di-n-octyl phthalate	22.05	149	2758935	40.755	ng		100
86) Indeno(1,2,3-cd)pyrene	25.67	276	2695672	34.413	ng		98
88) Benzo(b)fluoranthene	22.80	252	2612703	46.561	ng		99
89) Benzo(k)fluoranthene	22.84	252	2685183	47.689	ng		99
90) Benzo(a)pyrene	23.37	252	2479916	46.546	ng		99
91) Dibenzo(a,h)anthracene	25.69	278	2279936	43.096	ng		99
92) Benzo(g,h,i)perylene	26.35	276	2244156	42.800	ng		99

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

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