Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102918\
Data File : BM017412.D
Acq On : 29 Oct 2018 18:16
Operator : MJ/SJ
Sample : PB114250BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB114250BS

Manual Integrations APPROVED
Sohil
10/30/2018 4:43:07 PM

Quant Time: Oct 30 03:10:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 15:08:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	270787	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	1221363	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	779874	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	1878199	20.00	ng	0.00
76) Chrysene-d12	21.24	240	1969602	20.00	ng	0.00
87) Perylene-d12	23.44	264	1883849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1202367	75.10	ng	0.00
7) Phenol-d6	6.83	99	1698408	77.89	ng	0.00
23) Nitrobenzene-d5	8.80	82	1504341	72.04	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	792205	75.11	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	3567059	60.86	ng	0.00
79) Terphenyl-d14	19.68	244	5828253	66.70	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	152147	18.610	ng	# 84
3) Pyridine	3.63	79	482724	25.662	ng	# 83
4) n-Nitrosodimethylamine	3.55	42	246620	32.658	ng	# 67
6) Aniline	6.99	93	635461	23.299	ng	98
8) 2-Chlorophenol	7.22	128	668089	36.070	ng	98
9) Benzaldehyde	6.80	77	265419	19.090	ng	93
10) Phenol	6.86	94	848287	36.147	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	564558	30.178	ng	97
12) 1,3-Dichlorobenzene	7.53	146	617375	28.593	ng	97
13) 1,4-Dichlorobenzene	7.68	146	627140	28.429	ng	97
14) 1,2-Dichlorobenzene	7.99	146	603212	28.381	ng	99
15) Benzyl Alcohol	7.89	79	596420	37.420	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.17	45	779779	29.835	ng	99
17) 2-Methylphenol	8.09	107	571269	37.926	ng	98
18) Hexachloroethane	8.70	117	225220	29.833	ng	98
19) n-Nitroso-di-n-propylamine	8.45	70	486006	33.850	ng	98
20) 3+4-Methylphenols	8.42	107	795705	38.623	ng	97
22) Acetophenone	8.47	105	944117	30.495	ng	99
24) Nitrobenzene	8.85	77	730743	33.081	ng	95
25) Isophorone	9.36	82	1352592	39.224	ng	97
26) 2-Nitrophenol	9.55	139	362473	36.599	ng	97
27) 2,4-Dimethylphenol	9.61	122	663377	43.505	ng	99
28) bis(2-Chloroethoxy)methane	9.85	93	882371	36.354	ng	99
29) 2,4-Dichlorophenol	10.07	162	688627	38.896	ng	98
30) 1,2,4-Trichlorobenzene	10.29	180	640408	30.154	ng	97
31) Naphthalene	10.47	128	1958660	32.724	ng	99
32) Benzoic acid	9.77	122	456179	40.096	ng	91
33) 4-Chloroaniline	10.59	127	404797	15.659	ng	97
34) Hexachlorobutadiene	10.75	225	365433	27.156	ng	98
35) Caprolactam	11.39	113	213860m	33.146	ng	
36) 4-Chloro-3-methylphenol	11.72	107	722179	36.188	ng	98
37) 2-Methylnaphthalene	12.09	142	1478824	36.106	ng	99
38) 1-Methylnaphthalene	12.31	142	1398327	35.077	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	747313	27.210	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	912390	68.718	ng		99
43) 2,4,6-Trichlorophenol	12.71	196	543997	34.121	ng		98
44) 2,4,5-Trichlorophenol	12.78	196	584793	34.206	ng		98
46) 1,1'-Biphenyl	13.12	154	1906266	27.162	ng		99
47) 2-Chloronaphthalene	13.16	162	1478940	28.645	ng		99
48) 2-Nitroaniline	13.37	65	462369	33.630	ng		94
49) Acenaphthylene	14.01	152	2633573	35.191	ng		99
50) Dimethylphthalate	13.76	163	2013760	33.469	ng		99
51) 2,6-Dinitrotoluene	13.88	165	467725	35.320	ng		99
52) Acenaphthene	14.36	154	1545478	32.891	ng		97
53) 3-Nitroaniline	14.21	138	341420	23.805	ng		97
54) 2,4-Dinitrophenol	14.42	184	536929	70.233	ng		96
55) Dibenzofuran	14.69	168	2549604	32.629	ng		99
56) 4-Nitrophenol	14.53	139	1196091	90.825	ng		95
57) 2,4-Dinitrotoluene	14.67	165	679626	38.184	ng	#	95
58) Fluorene	15.35	166	2058634	35.593	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.92	232	600481	38.532	ng		97
60) Diethylphthalate	15.13	149	2096359	35.133	ng		100
61) 4-Chlorophenyl-phenylether	15.35	204	1028451	31.191	ng		98
62) 4-Nitroaniline	15.38	138	522774	34.180	ng		98
63) Azobenzene	15.63	77	2125041	36.640	ng		96
65) 4,6-Dinitro-2-methylphenol	15.44	198	387885	34.471	ng		98
66) n-Nitrosodiphenylamine	15.56	169	1851106	32.576	ng		99
67) 4-Bromophenyl-phenylether	16.24	248	668611	32.421	ng		97
68) Hexachlorobenzene	16.35	284	756145	31.565	ng		98
69) Atrazine	16.52	200	687700	33.814	ng		98
70) Pentachlorophenol	16.70	266	926523	56.460	ng		99
71) Phenanthrene	17.09	178	3369397	33.250	ng		100
72) Anthracene	17.17	178	3495985	36.308	ng		99
73) Carbazole	17.45	167	3231721	32.857	ng		100
74) Di-n-butylphthalate	18.02	149	3743478	36.086	ng		99
75) Fluoranthene	19.11	202	3860637	33.857	ng		99
77) Benzidine	19.30	184	1654889	33.136	ng		98
78) Pyrene	19.47	202	3849570	34.970	ng		100
80) Butylbenzylphthalate	20.39	149	1620046	40.068	ng		97
81) Benzo(a)anthracene	21.23	228	3904426	35.227	ng		99
82) 3,3'-Dichlorobenzidine	21.16	252	1008336	24.409	ng		99
83) Chrysene	21.28	228	3679460	33.539	ng		100
84) Bis(2-ethylhexyl)phthalate	21.16	149	2343571	37.830	ng		100
85) Di-n-octyl phthalate	22.03	149	4190414	39.685	ng		99
86) Indeno(1,2,3-cd)pyrene	25.65	276	3514555	28.642	ng		99
88) Benzo(b)fluoranthene	22.79	252	3817923	37.068	ng		99
89) Benzo(k)fluoranthene	22.83	252	3658322	35.397	ng		99
90) Benzo(a)pyrene	23.35	252	3508472	35.877	ng		99
91) Dibenzo(a,h)anthracene	25.66	278	3004083	30.937	ng		99
92) Benzo(g,h,i)perylene	26.33	276	2760215	28.680	ng		99

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

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