Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
Data File : BM017231.D
Acq On : 19 Oct 2018 15:50
Operator : MJ/SJ
Sample : PB113600BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB113600BSD

Manual Integrations APPROVED
Sohil
10/22/2018 1:09:17 PM

Quant Time: Oct 20 04:10:51 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	299437	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1305384	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	748510	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1543305	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1259598	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1020203	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2541583	143.56	ng	0.00
7) Phenol-d6	6.86	99	3326196	137.95	ng	0.00
23) Nitrobenzene-d5	8.82	82	1839276	82.41	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1305294	128.95	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	4591049	81.61	ng	0.00
79) Terphenyl-d14	19.70	244	4182587	74.85	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	271874	30.073	ng	# 86
3) Pyridine	3.65	79	778693	37.435	ng	# 85
4) n-Nitrosodimethylamine	3.56	42	371177	44.449	ng	# 67
6) Aniline	7.01	93	1161577	38.515	ng	97
8) 2-Chlorophenol	7.24	128	921277	44.981	ng	97
9) Benzaldehyde	6.82	77	409656	26.646	ng	93
10) Phenol	6.88	94	1128122	43.472	ng	97
11) bis(2-Chloroethyl)ether	7.11	93	810685	39.188	ng	98
12) 1,3-Dichlorobenzene	7.56	146	954037	39.958	ng	97
13) 1,4-Dichlorobenzene	7.70	146	972394	39.863	ng	98
14) 1,2-Dichlorobenzene	8.02	146	931273	39.624	ng	98
15) Benzyl Alcohol	7.92	79	805683	45.713	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1113929	38.543	ng	99
17) 2-Methylphenol	8.11	107	762924	45.803	ng	97
18) Hexachloroethane	8.73	117	348423	41.737	ng	99
19) n-Nitroso-di-n-propylamine	8.47	70	658058	41.448	ng	99
20) 3+4-Methylphenols	8.44	107	1026517	45.059	ng	97
22) Acetophenone	8.49	105	1342389	40.568	ng	99
24) Nitrobenzene	8.86	77	995254	42.155	ng	94
25) Isophorone	9.39	82	1749590	47.471	ng	98
26) 2-Nitrophenol	9.57	139	477730	43.802	ng	96
27) 2,4-Dimethylphenol	9.63	122	856914	52.581	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	1134725	43.742	ng	99
29) 2,4-Dichlorophenol	10.10	162	892379	47.161	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	916195	40.362	ng	99
31) Naphthalene	10.49	128	2764065	43.208	ng	99
32) Benzoic acid	9.79	122	529887	43.577	ng	94
33) 4-Chloroaniline	10.61	127	557043	20.162	ng	96
34) Hexachlorobutadiene	10.77	225	564545	39.252	ng	99
35) Caprolactam	11.41	113	242625m	35.184	ng	
36) 4-Chloro-3-methylphenol	11.74	107	935968	43.882	ng	96
37) 2-Methylnaphthalene	12.11	142	2065795	47.190	ng	98
38) 1-Methylnaphthalene	12.33	142	1968103	46.193	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	1096998	41.616	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1594405	125.117	ng		100
43) 2,4,6-Trichlorophenol	12.73	196	718919	46.982	ng		98
44) 2,4,5-Trichlorophenol	12.80	196	761214	46.390	ng		97
46) 1,1'-Biphenyl	13.14	154	2678631	39.767	ng		99
47) 2-Chloronaphthalene	13.17	162	2039168	41.151	ng		98
48) 2-Nitroaniline	13.39	65	573443	41.795	ng		96
49) Acenaphthylene	14.03	152	3263333	45.433	ng		100
50) Dimethylphthalate	13.78	163	2415566	41.829	ng		100
51) 2,6-Dinitrotoluene	13.90	165	534080	42.020	ng		97
52) Acenaphthene	14.37	154	1895639	42.033	ng		98
53) 3-Nitroaniline	14.23	138	350768	25.481	ng		96
54) 2,4-Dinitrophenol	14.43	184	553267	74.797	ng		96
55) Dibenzofuran	14.71	168	3016708	40.224	ng		99
56) 4-Nitrophenol	14.54	139	885329	71.124	ng		93
57) 2,4-Dinitrotoluene	14.69	165	720285	42.164	ng	#	97
58) Fluorene	15.36	166	2406478	43.351	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	663383	44.352	ng		97
60) Diethylphthalate	15.15	149	2388639	41.709	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	1249633	39.487	ng		98
62) 4-Nitroaniline	15.40	138	520004	35.251	ng		96
63) Azobenzene	15.66	77	2315934	41.605	ng		99
65) 4,6-Dinitro-2-methylphenol	15.45	198	392179	40.802	ng		98
66) n-Nitrosodiphenylamine	15.58	169	2093755	44.841	ng		99
67) 4-Bromophenyl-phenylether	16.26	248	774133	45.683	ng		94
68) Hexachlorobenzene	16.36	284	827475	42.038	ng		98
69) Atrazine	16.54	200	719492	43.054	ng		99
70) Pentachlorophenol	16.71	266	953447	70.709	ng		99
71) Phenanthrene	17.10	178	3593334	43.155	ng		100
72) Anthracene	17.19	178	3669600	46.381	ng		99
73) Carbazole	17.47	167	3104028	38.407	ng		100
74) Di-n-butylphthalate	18.04	149	3623179	42.505	ng		99
75) Fluoranthene	19.12	202	3764222	40.175	ng		99
77) Benzidine	19.32	184	1739190	54.453	ng		99
78) Pyrene	19.49	202	3746029	53.211	ng		100
80) Butylbenzylphthalate	20.40	149	1339639	49.707	ng		95
81) Benzo(a)anthracene	21.24	228	3169408	44.713	ng		99
82) 3,3'-Dichlorobenzidine	21.17	252	708669	26.825	ng		98
83) Chrysene	21.29	228	2974034	42.390	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	1812020	44.628	ng		98
85) Di-n-octyl phthalate	22.05	149	2785421	41.029	ng		99
86) Indeno(1,2,3-cd)pyrene	25.67	276	2669789	34.022	ng		99
88) Benzo(b)fluoranthene	22.80	252	2656796	47.631	ng		100
89) Benzo(k)fluoranthene	22.84	252	2659601	47.519	ng		99
90) Benzo(a)pyrene	23.37	252	2468663	46.614	ng		99
91) Dibenzo(a,h)anthracene	25.69	278	2268388	43.136	ng		99
92) Benzo(g,h,i)perylene	26.35	276	2212343	42.447	ng		98

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

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