Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070618\
Data File : BM015806.D
Acq On : 06 Jul 2018 17:40
Operator : SJ/JU
Sample : PB110790BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Manual Integrations APPROVED
Sohil
7/9/2018 1:55:43 PM

Quant Time: Jul 07 01:53:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	133360	20.00	ng		-0.01
21) Naphthalene-d8	11.14	136	515086	20.00	ng		0.00
38) Acenaphthene-d10	14.93	164	257626	20.00	ng		0.00
63) Phenanthrene-d10	17.65	188	472120	20.00	ng		0.00
75) Chrysene-d12	21.76	240	368038	20.00	ng		0.00
86) Perylene-d12	24.16	264	327118	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	813406	104.60	ng		0.00
7) Phenol-d6	7.46	99	1043040	97.98	ng		0.00
23) Nitrobenzene-d5	9.50	82	1099888	104.19	ng		0.00
41) 2,4,6-Tribromophenol	16.41	330	318162	94.52	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	2270721	109.43	ng		0.00
78) Terphenyl-d14	20.22	244	2251284	113.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	120045	37.327	ng	#	100
3) Pyridine	4.01	79	322216	37.967	ng	#	78
4) n-Nitrosodimethylamine	3.92	42	291919	44.176	ng	#	44
6) Aniline	7.63	93	399774	30.974	ng		91
8) 2-Chlorophenol	7.87	128	457257	48.994	ng		96
9) Benzaldehyde	7.44	77	231756	34.540	ng		93
10) Phenol	7.49	94	520603	48.668	ng		90
11) bis(2-Chloroethyl)ether	7.72	93	378790	43.531	ng		89
12) 1,3-Dichlorobenzene	8.19	146	470187	45.439	ng	#	92
13) 1,4-Dichlorobenzene	8.34	146	481006	44.952	ng		95
14) 1,2-Dichlorobenzene	8.66	146	468798	45.301	ng	#	95
15) Benzyl Alcohol	8.56	79	406010	43.930	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.84	45	592156	62.311	ng		99
17) 2-Methylphenol	8.76	107	358285	48.346	ng	#	87
18) Hexachloroethane	9.39	117	194697	46.016	ng		95
19) n-Nitroso-di-n-propylamine	9.13	70	343132	40.106	ng	#	79
20) 3+4-Methylphenols	9.09	107	473894	46.036	ng		91
22) Acetophenone	9.15	105	649434	48.400	ng	#	89
24) Nitrobenzene	9.54	77	526386	51.223	ng		98
25) Isophorone	10.06	82	861935	53.492	ng		94
26) 2-Nitrophenol	10.25	139	233874	52.852	ng	#	66
27) 2,4-Dimethylphenol	10.30	122	390526	58.094	ng		86
28) bis(2-Chloroethoxy)methane	10.53	93	512226	48.794	ng		97
29) 2,4-Dichlorophenol	10.79	162	404218	54.292	ng		97
30) 1,2,4-Trichlorobenzene	10.99	180	439721	50.849	ng		97
31) Naphthalene	11.19	128	1317420	49.332	ng		99
32) Benzoic acid	10.49	122	253852m	42.652	ng		
33) 4-Chloroaniline	11.30	127	189792	17.431	ng	#	86
34) Hexachlorobutadiene	11.45	225	285332	49.441	ng		98
35) Caprolactam	12.12	113	101260m	41.010	ng		
36) 4-Chloro-3-methylphenol	12.41	107	417768	48.903	ng		89
37) 2-Methylnaphthalene	12.77	142	960713	50.572	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	474276	57.359	ng	#	100
40) Hexachlorocyclopentadiene	13.10	237	557292	136.727	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	294101	56.268	ng		99
43) 2,4,5-Trichlorophenol	13.45	196	305407	54.091	ng	#	86
45) 1,1'-Biphenyl	13.77	154	1181736	53.054	ng		99
46) 2-Chloronaphthalene	13.82	162	909888	54.635	ng	#	93
47) 2-Nitroaniline	14.03	65	280332	48.269	ng	#	80
48) Acenaphthylene	14.66	152	1423284	52.535	ng		99
49) Dimethylphthalate	14.38	163	1071311	47.151	ng		99
50) 2,6-Dinitrotoluene	14.52	165	223436	50.436	ng	#	75
51) Acenaphthene	14.99	154	817927	48.518	ng		99
52) 3-Nitroaniline	14.84	138	117274	24.186	ng	#	76
53) 2,4-Dinitrophenol	15.06	184	205093	91.419	ng	#	89
54) Dibenzofuran	15.32	168	1286610	49.529	ng	#	87
55) 4-Nitrophenol	15.14	139	326616	91.269	ng	#	72
56) 2,4-Dinitrotoluene	15.30	165	296971	46.432	ng		93
57) Fluorene	15.97	166	1018604	47.550	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.54	232	248214	52.097	ng	#	100
59) Diethylphthalate	15.72	149	1076303	44.205	ng		96
60) 4-Chlorophenyl-phenylether	15.95	204	515899	46.803	ng		91
61) 4-Nitroaniline	16.00	138	208441	41.437	ng	#	39
62) Azobenzene	16.24	77	1138597	49.887	ng		83
64) 4,6-Dinitro-2-methylphenol	16.06	198	137992	48.079	ng		89
65) n-Nitrosodiphenylamine	16.17	169	840011	51.925	ng		98
66) 4-Bromophenyl-phenylether	16.84	248	294777	55.921	ng	#	85
67) Hexachlorobenzene	16.96	284	319449	54.232	ng	#	81
68) Atrazine	17.10	200	278234	52.288	ng		99
69) Pentachlorophenol	17.30	266	318479	87.377	ng		98
70) Phenanthrene	17.70	178	1371120	50.763	ng		100
71) Anthracene	17.79	178	1383581	52.160	ng		99
72) Carbazole	18.06	167	1157240	46.818	ng		99
73) Di-n-butylphthalate	18.57	149	1522252	45.691	ng	#	98
74) Fluoranthene	19.67	202	1332915	42.926	ng		99
76) Benzidine	19.85	184	440898	40.888	ng		98
77) Pyrene	20.03	202	1318354	57.505	ng		99
79) Butylbenzylphthalate	20.88	149	582089	52.525	ng	#	84
80) Benzo(a)anthracene	21.74	228	1178553	50.507	ng		100
81) 3,3'-Dichlorobenzidine	21.67	252	244546	29.168	ng		99
82) Chrysene	21.80	228	1093887	50.323	ng		99
83) Bis(2-ethylhexyl)phthalate	21.63	149	803415	49.065	ng		95
84) Di-n-octyl phthalate	22.55	149	1262120	47.271	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.64	276	1269622	62.866	ng	#	93
87) Benzo(b)fluoranthene	23.43	252	1104761	50.585	ng	#	96
88) Benzo(k)fluoranthene	23.48	252	1050318	49.507	ng		98
89) Benzo(a)pyrene	24.06	252	1030292	53.591	ng		99
90) Dibenzo(a,h)anthracene	26.64	278	1084521	62.699	ng		97
91) Benzo(g,h,i)perylene	27.40	276	1034840	68.090	ng	#	94

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

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