Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
Data File : BM015787.D
Acq On : 06 Jul 2018 05:51
Operator : SJ/JU
Sample : PB110790BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Manual Integrations APPROVED
Sohil
7/6/2018 5:21:53 PM

Quant Time: Jul 06 07:32:58 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	8.31	152	124144	20.00	ng		0.00
21) Naphthalene-d8	11.14	136	508032	20.00	ng		0.00
38) Acenaphthene-d10	14.93	164	296714	20.00	ng		0.00
63) Phenanthrene-d10	17.66	188	633587	20.00	ng		0.00
75) Chrysene-d12	21.76	240	598085	20.00	ng		0.00
86) Perylene-d12	24.17	264	454810	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.82	112	1275905	176.26	ng		0.00
7) Phenol-d6	7.48	99	1651694	166.67	ng		0.01
23) Nitrobenzene-d5	9.50	82	1125881	108.13	ng		0.00
41) 2,4,6-Tribromophenol	16.42	330	736906	190.07	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	2578442	107.89	ng		0.00
78) Terphenyl-d14	20.22	244	4070120	126.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	107690	35.971	ng	#	100
3) Pyridine	4.00	79	298454	37.778	ng	#	79
4) n-Nitrosodimethylamine	3.92	42	270856	44.031	ng	#	42
6) Aniline	7.63	93	407679	33.932	ng		92
8) 2-Chlorophenol	7.87	128	441187	50.782	ng		95
9) Benzaldehyde	7.45	77	193581	30.992	ng		90
10) Phenol	7.50	94	514131	51.632	ng		93
11) bis(2-Chloroethyl)ether	7.73	93	356270	43.982	ng		89
12) 1,3-Dichlorobenzene	8.19	146	442648	45.954	ng	#	91
13) 1,4-Dichlorobenzene	8.35	146	453873	45.565	ng	#	95
14) 1,2-Dichlorobenzene	8.67	146	442170	45.899	ng	#	95
15) Benzyl Alcohol	8.56	79	406976	47.303	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.84	45	559123	63.202	ng		99
17) 2-Methylphenol	8.76	107	354032	51.318	ng	#	85
18) Hexachloroethane	9.40	117	186617	47.380	ng		94
19) n-Nitroso-di-n-propylamine	9.13	70	338688	42.525	ng	#	78
20) 3+4-Methylphenols	9.09	107	480196	50.111	ng		90
22) Acetophenone	9.16	105	634678	47.957	ng	#	88
24) Nitrobenzene	9.55	77	520839	51.387	ng		98
25) Isophorone	10.06	82	881219	55.448	ng	#	94
26) 2-Nitrophenol	10.26	139	229414	52.564	ng	#	66
27) 2,4-Dimethylphenol	10.30	122	404646	61.030	ng	#	84
28) bis(2-Chloroethoxy)methane	10.54	93	520061	50.228	ng		99
29) 2,4-Dichlorophenol	10.79	162	424274	57.777	ng		96
30) 1,2,4-Trichlorobenzene	11.00	180	438166	51.373	ng		98
31) Naphthalene	11.19	128	1327064	50.383	ng		100
32) Benzoic acid	10.50	122	276440m	47.092	ng		
33) 4-Chloroaniline	11.30	127	215238	20.043	ng	#	88
34) Hexachlorobutadiene	11.45	225	281931	49.530	ng		98
35) Caprolactam	12.13	113	122117m	50.144	ng		
36) 4-Chloro-3-methylphenol	12.42	107	471690	55.982	ng		89
37) 2-Methylnaphthalene	12.77	142	1017402	54.299	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	503198	52.839	ng	#	100
40) Hexachlorocyclopentadiene	13.10	237	600402	128.510	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	340018	56.484	ng		99
43) 2,4,5-Trichlorophenol	13.46	196	356497	54.822	ng	#	86
45) 1,1'-Biphenyl	13.77	154	1300457	50.693	ng		98
46) 2-Chloronaphthalene	13.82	162	1007705	52.537	ng	#	91
47) 2-Nitroaniline	14.03	65	345638	51.674	ng		82
48) Acenaphthylene	14.66	152	1645602	52.740	ng		99
49) Dimethylphthalate	14.39	163	1314894	50.248	ng		99
50) 2,6-Dinitrotoluene	14.52	165	277037	54.298	ng	#	75
51) Acenaphthene	15.00	154	953644	49.116	ng		97
52) 3-Nitroaniline	14.85	138	162646	29.124	ng	#	79
53) 2,4-Dinitrophenol	15.07	184	286838	109.513	ng	#	90
54) Dibenzofuran	15.33	168	1553928	51.939	ng	#	88
55) 4-Nitrophenol	15.15	139	460740	111.788	ng	#	71
56) 2,4-Dinitrotoluene	15.30	165	393359	53.401	ng		95
57) Fluorene	15.97	166	1274510	51.659	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.55	232	316584	57.693	ng	#	100
59) Diethylphthalate	15.73	149	1397305	49.828	ng		96
60) 4-Chlorophenyl-phenylether	15.95	204	640986	50.490	ng	#	90
61) 4-Nitroaniline	16.01	138	268470	46.340	ng	#	39
62) Azobenzene	16.25	77	1446719	55.037	ng		81
64) 4,6-Dinitro-2-methylphenol	16.07	198	196538	51.026	ng		89
65) n-Nitrosodiphenylamine	16.17	169	1089524	50.185	ng		99
66) 4-Bromophenyl-phenylether	16.84	248	386404	54.622	ng	#	82
67) Hexachlorobenzene	16.96	284	419494	53.067	ng	#	79
68) Atrazine	17.11	200	398411	55.792	ng		98
69) Pentachlorophenol	17.31	266	479733	98.076	ng		98
70) Phenanthrene	17.70	178	1913837	52.798	ng		99
71) Anthracene	17.79	178	1944022	54.611	ng		99
72) Carbazole	18.06	167	1720318	51.861	ng		98
73) Di-n-butylphthalate	18.57	149	2333247	52.186	ng	#	98
74) Fluoranthene	19.68	202	2122305	50.930	ng		99
76) Benzidine	19.86	184	817356	46.644	ng		98
77) Pyrene	20.04	202	2128649	57.136	ng		100
79) Butylbenzylphthalate	20.89	149	1014178	56.315	ng	#	86
80) Benzo(a)anthracene	21.75	228	1989733	52.472	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	385602	28.302	ng		99
82) Chrysene	21.80	228	1832524	51.877	ng		100
83) Bis(2-ethylhexyl)phthalate	21.63	149	1420734	53.392	ng		96
84) Di-n-octyl phthalate	22.55	149	2214730	51.044	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.65	276	1475126	44.947	ng	#	93
87) Benzo(b)fluoranthene	23.44	252	1654887	54.499	ng	#	96
88) Benzo(k)fluoranthene	23.49	252	1556764	52.777	ng		99
89) Benzo(a)pyrene	24.07	252	1456534	54.491	ng		99
90) Dibenzo(a,h)anthracene	26.65	278	1261107	52.438	ng		97
91) Benzo(g,h,i)perylene	27.41	276	1135711	53.747	ng	#	94

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

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