Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
Data File : BN003478.D
Acq On : 09 Nov 2018 18:46
Operator : MJ/SJ
Sample : J5860-06MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EP2-SB-104(15-17)MSD

Manual Integrations APPROVED
Sohil
11/12/2018 5:07:50 PM

Quant Time: Nov 12 03:52:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 07 08:25:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	98537	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	419575	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	239515	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	486131	20.00	ng	0.00
76) Chrysene-d12	21.41	240	398683	20.00	ng	0.00
87) Perylene-d12	23.72	264	400265	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	814656	144.00	ng	0.00
7) Phenol-d6	7.01	99	1080170	134.27	ng	0.00
23) Nitrobenzene-d5	9.02	82	611547	83.59	ng	0.00
42) 2,4,6-Tribromophenol	15.98	330	486574	150.87	ng	0.00
45) 2-Fluorobiphenyl	13.11	172	1540676	87.25	ng	0.00
79) Terphenyl-d14	19.84	244	1821685	97.72	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	80950	30.136	ng	93
3) Pyridine	3.73	79	237877	38.754	ng	91
4) n-Nitrosodimethylamine	3.65	42	96022	42.489	ng	91
6) Aniline	7.19	93	335190	33.367	ng	96
8) 2-Chlorophenol	7.42	128	330452	47.424	ng	94
9) Benzaldehyde	7.00	77	160615	34.378	ng	96
10) Phenol	7.04	94	465681	54.856	ng	95
11) bis(2-Chloroethyl)ether	7.28	93	281133	40.545	ng	93
12) 1,3-Dichlorobenzene	7.73	146	330580	42.670	ng	97
13) 1,4-Dichlorobenzene	7.89	146	339071	42.505	ng	98
14) 1,2-Dichlorobenzene	8.20	146	328146	42.384	ng	99
15) Benzyl Alcohol	8.09	79	258997	44.678	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.38	45	361191	35.529	ng	97
17) 2-Methylphenol	8.29	107	273083	47.069	ng	98
18) Hexachloroethane	8.92	117	114083	40.822	ng	95
19) n-Nitroso-di-n-propylamine	8.66	70	216876	37.387	ng	95
20) 3+4-Methylphenols	8.62	107	369042	44.779	ng	97
22) Acetophenone	8.67	105	453476	44.588	ng	97
24) Nitrobenzene	9.06	77	318005	42.596	ng	93
25) Isophorone	9.57	82	610544	47.575	ng	97
26) 2-Nitrophenol	9.77	139	180306	45.886	ng	93
27) 2,4-Dimethylphenol	9.82	122	307784	55.708	ng	98
28) bis(2-Chloroethoxy)methane	10.06	93	396156	45.821	ng	99
29) 2,4-Dichlorophenol	10.29	162	324952	51.540	ng	99
30) 1,2,4-Trichlorobenzene	10.50	180	329114	45.917	ng	99
31) Naphthalene	10.70	128	996980	48.625	ng	100
32) Benzoic acid	9.87	122	24243m	9.600	ng	
33) 4-Chloroaniline	10.81	127	159996	17.660	ng	96
34) Hexachlorobutadiene	10.96	225	195079	45.609	ng	97
35) Caprolactam	11.60	113	98384m	39.852	ng	
36) 4-Chloro-3-methylphenol	11.93	107	326314	46.405	ng	95
37) 2-Methylnaphthalene	12.31	142	737245	50.316	ng	99
38) 1-Methylnaphthalene	12.53	142	697352	48.729	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.67	216	385742	48.683	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	493606	136.563	ng		99
43) 2,4,6-Trichlorophenol	12.91	196	263170	52.569	ng		98
44) 2,4,5-Trichlorophenol	12.98	196	283071	54.210	ng		98
46) 1,1'-Biphenyl	13.32	154	933213	44.393	ng		99
47) 2-Chloronaphthalene	13.36	162	720802	46.485	ng		99
48) 2-Nitroaniline	13.57	65	184628	40.524	ng		88
49) Acenaphthylene	14.21	152	1161424	48.935	ng		99
50) Dimethylphthalate	13.95	163	1087366	56.148	ng		99
51) 2,6-Dinitrotoluene	14.07	165	200832	45.690	ng		92
52) Acenaphthene	14.55	154	668666	46.498	ng		98
53) 3-Nitroaniline	14.40	138	133880	28.493	ng		91
54) 2,4-Dinitrophenol	14.60	184	140975	57.704	ng		91
55) Dibenzofuran	14.89	168	1071887	45.816	ng		100
56) 4-Nitrophenol	14.70	139	449216	129.070	ng		93
57) 2,4-Dinitrotoluene	14.86	165	270880	45.451	ng	#	76
58) Fluorene	15.53	166	841116	46.590	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.10	232	251367	54.819	ng		96
60) Diethylphthalate	15.30	149	867939	44.165	ng		100
61) 4-Chlorophenyl-phenylether	15.53	204	448720	44.737	ng		98
62) 4-Nitroaniline	15.57	138	195139	42.510	ng		97
63) Azobenzene	15.82	77	740914	40.794	ng		94
65) 4,6-Dinitro-2-methylphenol	15.62	198	138730	40.899	ng		92
66) n-Nitrosodiphenylamine	15.75	169	746844	49.075	ng		99
67) 4-Bromophenyl-phenylether	16.42	248	288208	52.641	ng		95
68) Hexachlorobenzene	16.53	284	322653	51.730	ng		96
69) Atrazine	16.69	200	265374	49.204	ng		98
70) Pentachlorophenol	16.87	266	370887	114.639	ng		99
71) Phenanthrene	17.27	178	1247572	48.815	ng		98
72) Anthracene	17.36	178	1281362	50.245	ng		99
73) Carbazole	17.63	167	1106757	41.907	ng		99
74) Di-n-butylphthalate	18.18	149	1403269	45.550	ng		99
75) Fluoranthene	19.29	202	1303653	43.297	ng		99
77) Benzidine	19.47	184	525087	44.989	ng		99
78) Pyrene	19.65	202	1278312	54.554	ng		98
80) Butylbenzylphthalate	20.54	149	539514	49.587	ng		94
81) Benzo(a)anthracene	21.39	228	1141772	49.177	ng		98
82) 3,3'-Dichlorobenzidine	21.33	252	372886	38.810	ng		99
83) Chrysene	21.44	228	1065903	47.758	ng		99
84) Bis(2-ethylhexyl)phthalate	21.30	149	782688	48.508	ng		98
85) Di-n-octyl phthalate	22.20	149	1206613	43.579	ng		97
86) Indeno(1,2,3-cd)pyrene	26.09	276	1356915	53.048	ng		98
88) Benzo(b)fluoranthene	23.02	252	1129022	51.229	ng		100
89) Benzo(k)fluoranthene	23.07	252	1102906	51.026	ng		99
90) Benzo(a)pyrene	23.63	252	1093939	52.083	ng		98
91) Dibenzo(a,h)anthracene	26.10	278	1140429	54.856	ng		99
92) Benzo(g,h,i)perylene	26.82	276	1128239	56.530	ng		99

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

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