Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070120\
Data File : BM026635.D
Acq On : 01 Jul 2020 13:43
Operator : JU/CG
Sample : L3153-25MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP2-FMSD

Manual Integrations APPROVED
Sohil
7/7/2020 8:17:58 AM

Quant Time: Jul 01 14:19:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 01 13:20:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	90164	20.00	ng		0.00
21) Naphthalene-d8	10.11	136	340632	20.00	ng		0.00
39) Acenaphthene-d10	14.02	164	187601	20.00	ng		0.00
64) Phenanthrene-d10	16.77	188	359484	20.00	ng		0.00
76) Chrysene-d12	20.99	240	399282	20.00	ng		0.00
86) Perylene-d12	23.07	264	437648	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.00	112	747408	146.56	ng		0.00
7) Phenol-d6	6.57	99	1026482	139.00	ng		0.00
23) Nitrobenzene-d5	8.50	82	718875	103.62	ng		0.00
42) 2,4,6-Tribromophenol	15.52	330	316981	139.49	ng		0.00
45) 2-Fluorobiphenyl	12.62	172	1325732	107.27	ng		0.00
79) Terphenyl-d14	19.43	244	1809129	87.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.98	88	112442	48.905	ng		93
3) Pyridine	3.36	79	291661	43.189	ng		96
4) n-Nitrosodimethylamine	3.28	42	195140	58.362	ng		88
6) Aniline	6.70	93	293269	30.277	ng		95
8) 2-Chlorophenol	6.93	128	302188	51.374	ng		98
9) Benzaldehyde	6.52	77	131989	28.031	ng		95
10) Phenol	6.59	94	413107	52.529	ng		93
11) bis(2-Chloroethyl)ether	6.80	93	294441	46.483	ng		96
12) 1,3-Dichlorobenzene	7.25	146	317725	48.788	ng		98
13) 1,4-Dichlorobenzene	7.39	146	326696	49.250	ng		99
14) 1,2-Dichlorobenzene	7.70	146	314017	48.461	ng		99
15) Benzyl Alcohol	7.61	79	292878	46.705	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.90	45	554898	46.906	ng		100
17) 2-Methylphenol	7.82	107	257120	44.733	ng		98
18) Hexachloroethane	8.41	117	125186	49.831	ng		98
19) n-Nitroso-di-n-propylamine	8.17	70	261566	45.454	ng		94
20) 3+4-Methylphenols	8.15	107	344876	44.022	ng		97
22) Acetophenone	8.18	105	447400	51.079	ng	#	92
24) Nitrobenzene	8.55	77	385135	53.031	ng		98
25) Isophorone	9.07	82	636195	48.813	ng		100
26) 2-Nitrophenol	9.25	139	155533	54.114	ng		87
27) 2,4-Dimethylphenol	9.33	122	252873	55.731	ng		95
28) bis(2-Chloroethoxy)methane	9.56	93	369058	49.910	ng		99
29) 2,4-Dichlorophenol	9.78	162	267286	53.690	ng		97
30) 1,2,4-Trichlorobenzene	9.99	180	285386	52.278	ng		97
31) Naphthalene	10.16	128	875631	51.011	ng		100
32) Benzoic acid	9.51	122	172372	47.324	ng		98
33) 4-Chloroaniline	10.29	127	105579	14.102	ng		98
34) Hexachlorobutadiene	10.45	225	179738	52.154	ng		99
35) Caprolactam	11.09	113	74303m	42.483	ng		
36) 4-Chloro-3-methylphenol	11.44	107	298917	49.276	ng		98
37) 2-Methylnaphthalene	11.79	142	608255	49.726	ng		98
38) 1-Methylnaphthalene	12.01	142	577886	49.871	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.17	216	308054	57.686	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.15	237	316494	100.570	ng		98
43) 2,4,6-Trichlorophenol	12.43	196	204205	56.495	ng		96
44) 2,4,5-Trichlorophenol	12.50	196	217418	51.820	ng		97
46) 1,1'-Biphenyl	12.83	154	738241	56.130	ng		100
47) 2-Chloronaphthalene	12.87	162	579382	54.233	ng		99
48) 2-Nitroaniline	13.10	65	222797	52.621	ng		98
49) Acenaphthylene	13.73	152	903464	52.875	ng		99
50) Dimethylphthalate	13.50	163	886994	64.642	ng		100
51) 2,6-Dinitrotoluene	13.61	165	150317	49.923	ng		93
52) Acenaphthene	14.08	154	537879	52.436	ng		100
53) 3-Nitroaniline	13.94	138	93996	28.034	ng		98
54) 2,4-Dinitrophenol	14.16	184	178826	97.720	ng		94
55) Dibenzofuran	14.42	168	850835	51.479	ng		100
56) 4-Nitrophenol	14.28	139	247805	93.198	ng		93
57) 2,4-Dinitrotoluene	14.42	165	207821	49.640	ng	#	82
58) Fluorene	15.07	166	682443	50.835	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.66	232	185414	51.666	ng		99
60) Diethylphthalate	14.88	149	676432	48.398	ng		99
61) 4-Chlorophenyl-phenylether	15.08	204	343237	48.202	ng		99
62) 4-Nitroaniline	15.12	138	146185m	40.883	ng		
63) Azobenzene	15.37	77	784597	51.309	ng		98
65) 4,6-Dinitro-2-methylphenol	15.19	198	120741	55.233	ng		96
66) n-Nitrosodiphenylamine	15.30	169	574238	55.141	ng		98
67) 4-Bromophenyl-phenylether	15.97	248	202444	51.157	ng		95
68) Hexachlorobenzene	16.09	284	224616	54.395	ng		99
69) Atrazine	16.27	200	177987	57.208	ng		97
70) Pentachlorophenol	16.44	266	272518	109.589	ng		99
71) Phenanthrene	16.82	178	1000304	53.434	ng		99
72) Anthracene	16.90	178	1009036	54.007	ng		100
73) Carbazole	17.19	167	902434	50.934	ng		99
74) Di-n-butylphthalate	17.77	149	1094988	52.405	ng		98
75) Fluoranthene	18.84	202	1163191	54.196	ng		99
77) Benzidine	19.05	184	545675	65.794	ng		100
78) Pyrene	19.21	202	1180099	44.731	ng		100
80) Butylbenzylphthalate	20.14	149	498084	46.687	ng		96
81) Benzo(a)anthracene	20.97	228	1245177	51.954	ng		99
82) 3,3'-Dichlorobenzidine	20.92	252	326450	44.026	ng		99
83) Chrysene	21.03	228	1221042	53.462	ng		100
84) Bis(2-ethylhexyl)phthalate	20.94	149	767792	50.473	ng		100
85) Di-n-octyl phthalate	21.79	149	1405484	59.893	ng		98
87) Indeno(1,2,3-cd)pyrene	25.10	276	1695779	66.983	ng		99
88) Benzo(b)fluoranthene	22.46	252	1354291	51.441	ng		99
89) Benzo(k)fluoranthene	22.50	252	1392949	54.461	ng		99
90) Benzo(a)pyrene	22.99	252	1277390	54.630	ng		100
91) Dibenzo(a,h)anthracene	25.10	278	1425684	67.455	ng		100
92) Benzo(g,h,i)perylene	25.71	276	1372340	68.234	ng		100

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

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