Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060820\
Data File : BM026295.D
Acq On : 08 Jun 2020 20:09
Operator : JU/CG
Sample : L2893-01MSD 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP-2AMSD

Quant Time: Jun 09 01:25:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 08 15:00:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	285782	20.00	ng		0.00
21) Naphthalene-d8	10.21	136	1208713	20.00	ng		0.00
39) Acenaphthene-d10	14.10	164	728724	20.00	ng		0.01
64) Phenanthrene-d10	16.86	188	1283619	20.00	ng		0.01
76) Chrysene-d12	21.06	240	1047115	20.00	ng		0.01
86) Perylene-d12	23.17	264	1107662	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	555261	34.35	ng		0.00
7) Phenol-d6	6.66	99	802694	34.29	ng		0.01
23) Nitrobenzene-d5	8.59	82	554132	22.51	ng		0.00
42) 2,4,6-Tribromophenol	15.60	330	265028	30.02	ng		0.01
45) 2-Fluorobiphenyl	12.72	172	1116947	23.27	ng		0.01
79) Terphenyl-d14	19.50	244	1249945	23.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.06	88	53630	7.359	ng		96
3) Pyridine	3.45	79	116986	5.465	ng		92
4) n-Nitrosodimethylamine	3.36	42	84204	7.945	ng	#	89
6) Aniline	6.79	93	232624	7.577	ng		99
8) 2-Chlorophenol	7.02	128	205294	11.011	ng		95
9) Benzaldehyde	6.60	77	131358	8.801	ng		96
10) Phenol	6.68	94	277479	11.132	ng		98
11) bis(2-Chloroethyl)ether	6.89	93	204288	10.175	ng		97
12) 1,3-Dichlorobenzene	7.34	146	221174	10.715	ng		95
13) 1,4-Dichlorobenzene	7.48	146	221651	10.542	ng		98
14) 1,2-Dichlorobenzene	7.79	146	218893	10.658	ng		98
15) Benzyl Alcohol	7.70	79	198959	10.010	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.99	45	339198	9.046	ng		91
17) 2-Methylphenol	7.91	107	184985	10.154	ng		98
18) Hexachloroethane	8.50	117	53343	6.699	ng		95
19) n-Nitroso-di-n-propylamine	8.26	70	200243	10.979	ng		96
20) 3+4-Methylphenols	8.23	107	250324	10.081	ng		98
22) Acetophenone	8.27	105	377183	12.136	ng		98
24) Nitrobenzene	8.63	77	280781	10.896	ng	#	96
25) Isophorone	9.16	82	529060	11.440	ng	#	92
26) 2-Nitrophenol	9.34	139	90427	8.866	ng	#	88
27) 2,4-Dimethylphenol	9.42	122	212359	13.190	ng		91
28) bis(2-Chloroethoxy)methane	9.65	93	282332	10.760	ng	#	87
29) 2,4-Dichlorophenol	9.87	162	207118	11.725	ng		97
30) 1,2,4-Trichlorobenzene	10.08	180	212513	10.971	ng		96
31) Naphthalene	10.26	128	699881	11.490	ng		96
32) Benzoic acid	9.52	122	16774	6.320	ng	#	23
33) 4-Chloroaniline	10.38	127	213521	8.037	ng		98
34) Hexachlorobutadiene	10.55	225	129036	10.552	ng		96
35) Caprolactam	11.17	113	56901	9.168	ng	#	1
36) 4-Chloro-3-methylphenol	11.53	107	238541	11.082	ng		98
37) 2-Methylnaphthalene	11.89	142	490038	11.290	ng		97
38) 1-Methylnaphthalene	12.12	142	2552299	62.073	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.27	216	242085	11.670	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	3282	0.268	ng		98
43) 2,4,6-Trichlorophenol	12.52	196	158870	11.315	ng		99
44) 2,4,5-Trichlorophenol	12.60	196	166914	10.242	ng	#	80
46) 1,1'-Biphenyl	12.93	154	591047	11.569	ng		99
47) 2-Chloronaphthalene	12.96	162	447613	10.786	ng		99
48) 2-Nitroaniline	13.18	65	182642	11.105	ng		98
49) Acenaphthylene	13.82	152	810061	12.205	ng	#	91
50) Dimethylphthalate	13.57	163	679014	12.739	ng		99
51) 2,6-Dinitrotoluene	13.69	165	142596	12.192	ng	#	88
52) Acenaphthene	14.17	154	526630	13.217	ng		99
53) 3-Nitroaniline	14.02	138	151398	11.624	ng	#	82
54) 2,4-Dinitrophenol	14.25	184	2408	0.339	ng	#	1
55) Dibenzofuran	14.50	168	802892	12.506	ng	#	87
56) 4-Nitrophenol	14.36	139	281852	27.289	ng		86
57) 2,4-Dinitrotoluene	14.49	165	217498	13.374	ng	#	94
58) Fluorene	15.16	166	719599	13.799	ng	#	95
59) 2,3,4,6-Tetrachlorophenol	14.74	232	137485	9.863	ng	#	76
60) Diethylphthalate	14.96	149	612712	11.286	ng		98
61) 4-Chlorophenyl-phenylether	15.16	204	274841	9.936	ng		96
62) 4-Nitroaniline	15.19	138	141529	10.190	ng		98
63) Azobenzene	15.46	77	589639	9.927	ng	#	80
65) 4,6-Dinitro-2-methylphenol	15.27	198	2029	0.260	ng	#	1
66) n-Nitrosodiphenylamine	15.38	169	857417	23.058	ng	#	80
67) 4-Bromophenyl-phenylether	16.06	248	158230	11.198	ng		93
68) Hexachlorobenzene	16.17	284	166497	11.292	ng	#	93
69) Atrazine	16.35	200	152394	13.718	ng		95
70) Pentachlorophenol	16.52	266	172850	19.466	ng		99
71) Phenanthrene	16.90	178	1176455	17.600	ng		97
72) Anthracene	16.99	178	862515	12.929	ng		96
73) Carbazole	17.26	167	663070	10.481	ng		93
74) Di-n-butylphthalate	17.84	149	1053901	14.126	ng		99
75) Fluoranthene	18.92	202	825121	10.767	ng		97
77) Benzidine	19.12	184	67397	3.099	ng	#	46
78) Pyrene	19.29	202	902266	13.041	ng		98
80) Butylbenzylphthalate	20.22	149	327560	11.708	ng		99
81) Benzo(a)anthracene	21.04	228	731533	11.639	ng		96
82) 3,3'-Dichlorobenzidine	20.99	252	211522	10.878	ng	#	96
83) Chrysene	21.10	228	700670	11.698	ng		97
84) Bis(2-ethylhexyl)phthalate	21.00	149	669788	16.790	ng		97
85) Di-n-octyl phthalate	21.86	149	802869	13.046	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.24	276	772586	12.058	ng		99
88) Benzo(b)fluoranthene	22.55	252	737231	11.064	ng	#	84
89) Benzo(k)fluoranthene	22.59	252	644194	9.951	ng	#	86
90) Benzo(a)pyrene	23.09	252	643663	10.876	ng	#	87
91) Dibenzo(a,h)anthracene	25.26	278	632579	11.826	ng	#	95
92) Benzo(g,h,i)perylene	25.87	276	674390	13.249	ng		96

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

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