Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060920\
Data File : BM026316.D
Acq On : 10 Jun 2020 00:12
Operator : JU/CG
Sample : L2961-04MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FM-CON-4MS

Quant Time: Jun 10 01:33:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 14:46:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	164435	20.00	ng	0.00
21) Naphthalene-d8	10.19	136	616586	20.00	ng	0.00
39) Acenaphthene-d10	14.08	164	324022	20.00	ng	0.00
64) Phenanthrene-d10	16.83	188	616679	20.00	ng	0.00
76) Chrysene-d12	21.04	240	636952	20.00	ng	0.00
86) Perylene-d12	23.14	264	697480	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	47372	5.09	ng	0.00
7) Phenol-d6	6.63	99	297502	22.09	ng	0.00
23) Nitrobenzene-d5	8.57	82	719612	57.30	ng	0.00
42) 2,4,6-Tribromophenol	15.58	330	947	0.24	ng	0.00
45) 2-Fluorobiphenyl	12.69	172	1349257	63.21	ng	0.00
79) Terphenyl-d14	19.49	244	1792486	54.63	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	148168	35.336	ng	98
3) Pyridine	3.42	79	410383	33.321	ng	99
4) n-Nitrosodimethylamine	3.33	42	218760	35.875	ng	93
6) Aniline	6.77	93	383935	21.735	ng	98
8) 2-Chlorophenol	7.00	128	411607	38.369	ng	99
9) Benzaldehyde	6.58	77	292415	34.051	ng	96
10) Phenol	6.66	94	535028	37.304	ng	97
11) bis(2-Chloroethyl)ether	6.87	93	408055	35.323	ng	97
12) 1,3-Dichlorobenzene	7.32	146	455179	38.325	ng	97
13) 1,4-Dichlorobenzene	7.46	146	463300	38.297	ng	98
14) 1,2-Dichlorobenzene	7.77	146	439438	37.186	ng	99
15) Benzyl Alcohol	7.67	79	381266	33.339	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.96	45	707059	32.772	ng	99
17) 2-Methylphenol	7.89	107	339369	32.375	ng	98
18) Hexachloroethane	8.48	117	177852	38.819	ng	99
19) n-Nitroso-di-n-propylamine	8.24	70	339602	32.360	ng	96
20) 3+4-Methylphenols	8.22	107	453130	31.716	ng	99
22) Acetophenone	8.25	105	594868	37.520	ng	99
24) Nitrobenzene	8.62	77	489418	37.230	ng	97
25) Isophorone	9.15	82	829804	35.173	ng	98
26) 2-Nitrophenol	9.32	139	210717	40.502	ng	99
27) 2,4-Dimethylphenol	9.40	122	334062	40.674	ng	98
28) bis(2-Chloroethoxy)methane	9.63	93	503155	37.591	ng	99
29) 2,4-Dichlorophenol	9.85	162	343094	38.073	ng	99
30) 1,2,4-Trichlorobenzene	10.06	180	393151	39.786	ng	99
31) Naphthalene	10.23	128	1196094	38.495	ng	99
32) Benzoic acid	9.56	122	121609	21.596	ng	98
33) 4-Chloroaniline	10.36	127	129413	9.549	ng	97
34) Hexachlorobutadiene	10.53	225	245213	39.308	ng	97
35) Caprolactam	11.15	113	98566	31.133	ng	96
36) 4-Chloro-3-methylphenol	11.51	107	372380	33.913	ng	100
37) 2-Methylnaphthalene	11.86	142	812780	36.708	ng	98
38) 1-Methylnaphthalene	12.09	142	769888	36.705	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.25	216	409697	44.419	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.22	237	559900	103.009 ng	99
43) 2,4,6-Trichlorophenol	12.50	196	257735	41.284 ng	98
44) 2,4,5-Trichlorophenol	12.57	196	269405	37.177 ng	99
46) 1,1'-Biphenyl	12.90	154	965639	42.508 ng	100
47) 2-Chloronaphthalene	12.94	162	754268	40.878 ng	98
48) 2-Nitroaniline	13.16	65	260636	35.641 ng	95
49) Acenaphthylene	13.79	152	1158351	39.250 ng	100
50) Dimethylphthalate	13.56	163	982508	41.456 ng	100
51) 2,6-Dinitrotoluene	13.67	165	190845	36.697 ng	98
52) Acenaphthene	14.15	154	690860	38.994 ng	99
53) 3-Nitroaniline	14.00	138	90628	15.649 ng	97
54) 2,4-Dinitrophenol	14.22	184	218279	69.060 ng	97
55) Dibenzofuran	14.49	168	1078285	37.773 ng	99
56) 4-Nitrophenol	14.34	139	316350	68.885 ng	97
57) 2,4-Dinitrotoluene	14.47	165	257774	35.649 ng	99
58) Fluorene	15.14	166	855705	36.905 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	228895	36.929 ng	99
60) Diethylphthalate	14.93	149	840999	34.839 ng	99
61) 4-Chlorophenyl-phenylether	15.14	204	434949	35.365 ng	99
62) 4-Nitroaniline	15.17	138	190471	30.841 ng	98
63) Azobenzene	15.43	77	950521	35.989 ng	99
65) 4,6-Dinitro-2-methylphenol	15.24	198	146706	39.122 ng	91
66) n-Nitrosodiphenylamine	15.36	169	723661	40.508 ng	98
67) 4-Bromophenyl-phenylether	16.03	248	260208	38.330 ng	99
68) Hexachlorobenzene	16.14	284	287310	40.559 ng	100
69) Atrazine	16.33	200	227735	42.670 ng	99
70) Pentachlorophenol	16.50	266	326117	76.448 ng	99
71) Phenanthrene	16.87	178	1280463	39.872 ng	100
72) Anthracene	16.96	178	1294724	40.396 ng	100
73) Carbazole	17.24	167	1143064	37.608 ng	100
74) Di-n-butylphthalate	17.83	149	1391182	38.812 ng	100
75) Fluoranthene	18.90	202	1475111	40.065 ng	99
77) Benzidine	19.10	184	685655	51.824 ng	98
78) Pyrene	19.26	202	1482625	35.229 ng	100
80) Butylbenzylphthalate	20.20	149	638075	37.492 ng	97
81) Benzo(a)anthracene	21.03	228	1463474	38.278 ng	99
82) 3,3'-Dichlorobenzidine	20.97	252	306388	25.902 ng	98
83) Chrysene	21.08	228	1423857	39.080 ng	99
84) Bis(2-ethylhexyl)phthalate	20.99	149	991421	40.855 ng	100
85) Di-n-octyl phthalate	21.84	149	1667613	44.547 ng	99
87) Indeno(1,2,3-cd)pyrene	25.20	276	1866968	46.273 ng	99
88) Benzo(b)fluoranthene	22.53	252	1521312	36.259 ng	100
89) Benzo(k)fluoranthene	22.57	252	1533819	37.628 ng	100
90) Benzo(a)pyrene	23.06	252	1425264	38.247 ng	98
91) Dibenzo(a,h)anthracene	25.21	278	1558647	46.274 ng	99
92) Benzo(g,h,i)perylene	25.83	276	1537216	47.959 ng	99

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

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