Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090220\
Data File : BM027304.D
Acq On : 02 Sep 2020 14:05
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC060

Quant Time: Sep 02 14:51:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 13:40:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	138492	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	534972	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	392986	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	921348	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1000179	20.00	ng	0.00
86) Perylene-d12	23.34	264	961442	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	995891	140.18	ng	0.00
7) Phenol-d6	6.77	99	1384585	141.95	ng	0.00
23) Nitrobenzene-d5	8.73	82	1503150	115.92	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	869492	136.63	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	3577493	119.58	ng	0.00
79) Terphenyl-d14	19.62	244	7080035	132.24	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	200917	59.181	ng	98
3) Pyridine	3.55	79	616959	64.736	ng	99
4) n-Nitrosodimethylamine	3.47	42	230891	55.536	ng	99
6) Aniline	6.92	93	821025	74.095	ng	98
8) 2-Chlorophenol	7.15	128	506782	68.550	ng	99
9) Benzaldehyde	6.73	77	513847	76.941	ng	98
10) Phenol	6.80	94	658389	70.826	ng	97
11) bis(2-Chloroethyl)ether	7.02	93	541572	71.274	ng	100
12) 1,3-Dichlorobenzene	7.47	146	620729	59.993	ng	99
13) 1,4-Dichlorobenzene	7.61	146	621119	59.498	ng	98
14) 1,2-Dichlorobenzene	7.93	146	595436	60.139	ng	99
15) Benzyl Alcohol	7.82	79	598374	67.492	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	407040	66.771	ng	98
17) 2-Methylphenol	8.03	107	450674	70.067	ng	99
18) Hexachloroethane	8.65	117	249598	58.916	ng	98
19) n-Nitroso-di-n-propylamine	8.39	70	540453	72.185	ng	99
20) 3+4-Methylphenols	8.36	107	622042	72.273	ng	97
22) Acetophenone	8.40	105	897902	62.451	ng	98
24) Nitrobenzene	8.77	77	776086	59.131	ng	100
25) Isophorone	9.30	82	1342463	70.683	ng	99
26) 2-Nitrophenol	9.47	139	310889	75.889	ng	99
27) 2,4-Dimethylphenol	9.55	122	505938	79.541	ng	99
28) bis(2-Chloroethoxy)methane	9.77	93	770298	66.463	ng	97
29) 2,4-Dichlorophenol	10.00	162	594166	66.980	ng	99
30) 1,2,4-Trichlorobenzene	10.22	180	680508	58.436	ng	99
31) Naphthalene	10.40	128	1731968	63.875	ng	99
32) Benzoic acid	9.73	122	360925	79.192	ng	97
33) 4-Chloroaniline	10.51	127	758842	67.743	ng	98
34) Hexachlorobutadiene	10.69	225	451537	53.787	ng	100
35) Caprolactam	11.32	113	180680	75.136	ng	95
36) 4-Chloro-3-methylphenol	11.65	107	645598	70.405	ng	97
37) 2-Methylnaphthalene	12.02	142	1381655	67.287	ng	99
38) 1-Methylnaphthalene	12.24	142	1281946	64.873	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	852586	61.603	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	590450	77.183	ng	99
43) 2,4,6-Trichlorophenol	12.65	196	550739	64.446	ng	97
44) 2,4,5-Trichlorophenol	12.72	196	585015	64.556	ng	99
46) 1,1'-Biphenyl	13.05	154	1878835	63.788	ng	100
47) 2-Chloronaphthalene	13.09	162	1475530	58.755	ng	99
48) 2-Nitroaniline	13.29	65	486098	60.650	ng	99
49) Acenaphthylene	13.94	152	2291080	65.601	ng	100
50) Dimethylphthalate	13.69	163	1940442	60.818	ng	100
51) 2,6-Dinitrotoluene	13.80	165	430968	67.931	ng	95
52) Acenaphthene	14.29	154	1404046	63.330	ng	99
53) 3-Nitroaniline	14.13	138	405526	66.279	ng	97
54) 2,4-Dinitrophenol	14.34	184	257009	77.592	ng	98
55) Dibenzofuran	14.62	168	2350410	63.641	ng	99
56) 4-Nitrophenol	14.45	139	346321	70.927	ng	96
57) 2,4-Dinitrotoluene	14.60	165	612743	69.520	ng	96
58) Fluorene	15.27	166	2023135	66.353	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	567740	63.956	ng	100
60) Diethylphthalate	15.07	149	2033135	64.234	ng	100
61) 4-Chlorophenyl-phenylether	15.27	204	1101202	62.883	ng	99
62) 4-Nitroaniline	15.30	138	441859	64.354	ng	97
63) Azobenzene	15.57	77	2092094	64.424	ng	99
65) 4,6-Dinitro-2-methylphenol	15.36	198	378121	83.563	ng	98
66) n-Nitrosodiphenylamine	15.49	169	1734821	66.295	ng	99
67) 4-Bromophenyl-phenylether	16.17	248	691350	62.149	ng	99
68) Hexachlorobenzene	16.28	284	801628	60.681	ng	99
69) Atrazine	16.45	200	519548	52.441	ng	99
70) Pentachlorophenol	16.63	266	502678	70.351	ng	98
71) Phenanthrene	17.01	178	3260540	63.659	ng	100
72) Anthracene	17.10	178	3327187	67.952	ng	99
73) Carbazole	17.37	167	2948313	65.464	ng	100
74) Di-n-butylphthalate	17.95	149	3608118	69.364	ng	100
75) Fluoranthene	19.03	202	4050516	63.309	ng	99
77) Benzidine	19.22	184	1845156	106.356	ng	99
78) Pyrene	19.40	202	4165534	68.445	ng	99
80) Butylbenzylphthalate	20.32	149	1674202	75.263	ng	95
81) Benzo(a)anthracene	21.15	228	4140189	63.880	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	1718228	76.073	ng	99
83) Chrysene	21.21	228	3994147	63.454	ng	99
84) Bis(2-ethylhexyl)phthalate	21.11	149	2496610	78.858	ng	99
85) Di-n-octyl phthalate	21.97	149	4183373	80.090	ng	100
87) Indeno(1,2,3-cd)pyrene	25.51	276	3977843	52.862	ng	99
88) Benzo(b)fluoranthene	22.70	252	4265899	66.538	ng	99
89) Benzo(k)fluoranthene	22.74	252	3997955	63.692	ng	99
90) Benzo(a)pyrene	23.25	252	3575762	61.095	ng	100
91) Dibenzo(a,h)anthracene	25.53	278	3369802	53.806	ng	100
92) Benzo(g,h,i)perylene	26.17	276	3137763	52.004	ng	99

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

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