Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090220\
Data File : BM027303.D
Acq On : 02 Sep 2020 13:29
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC050

Quant Time: Sep 02 14:50:49 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	163478	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	626554	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	451954	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1011191	20.00	ng	0.00
76) Chrysene-d12	21.17	240	910727	20.00	ng	0.00
86) Perylene-d12	23.34	264	791393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	992267	118.33	ng	0.00
7) Phenol-d6	6.77	99	1374977	119.42	ng	0.00
23) Nitrobenzene-d5	8.73	82	1499148	98.72	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	818779	111.88	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	3518862	102.28	ng	0.00
79) Terphenyl-d14	19.62	244	6068738	124.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	206192	51.452	ng	99
3) Pyridine	3.55	79	615664	54.726	ng	99
4) n-Nitrosodimethylamine	3.47	42	237270	48.347	ng	95
6) Aniline	6.92	93	819883	62.683	ng	98
8) 2-Chlorophenol	7.15	128	506283	58.015	ng	97
9) Benzaldehyde	6.73	77	522432	66.270	ng	97
10) Phenol	6.80	94	649706	59.210	ng	97
11) bis(2-Chloroethyl)ether	7.02	93	543623	60.609	ng	99
12) 1,3-Dichlorobenzene	7.47	146	620661	50.818	ng	99
13) 1,4-Dichlorobenzene	7.61	146	631346	51.234	ng	99
14) 1,2-Dichlorobenzene	7.93	146	596105	51.004	ng	99
15) Benzyl Alcohol	7.82	79	593275	56.689	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	414057	57.541	ng	98
17) 2-Methylphenol	8.03	107	444910	58.599	ng	99
18) Hexachloroethane	8.65	117	251199	50.232	ng	96
19) n-Nitroso-di-n-propylamine	8.39	70	535430	60.584	ng	98
20) 3+4-Methylphenols	8.36	107	614447	60.479	ng	98
22) Acetophenone	8.40	105	896671	53.250	ng	98
24) Nitrobenzene	8.77	77	772186	50.235	ng	100
25) Isophorone	9.30	82	1325414	59.585	ng	100
26) 2-Nitrophenol	9.47	139	312955	65.227	ng	98
27) 2,4-Dimethylphenol	9.55	122	498067	66.858	ng	99
28) bis(2-Chloroethoxy)methane	9.77	93	767552	56.546	ng	99
29) 2,4-Dichlorophenol	10.00	162	588273	56.623	ng	99
30) 1,2,4-Trichlorobenzene	10.22	180	679935	49.853	ng	99
31) Naphthalene	10.40	128	1723217	54.263	ng	99
32) Benzoic acid	9.73	122	346123	64.843	ng	98
33) 4-Chloroaniline	10.51	127	747568	56.982	ng	99
34) Hexachlorobutadiene	10.69	225	456105	46.390	ng	99
35) Caprolactam	11.32	113	169008	60.010	ng	98
36) 4-Chloro-3-methylphenol	11.65	107	634680	59.098	ng	98
37) 2-Methylnaphthalene	12.02	142	1353644	56.287	ng	98
38) 1-Methylnaphthalene	12.24	142	1274168	55.055	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	841812	52.888	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	594752	67.602 ng	99
43) 2,4,6-Trichlorophenol	12.65	196	532168	54.148 ng	95
44) 2,4,5-Trichlorophenol	12.72	196	570071	54.699 ng	98
46) 1,1'-Biphenyl	13.05	154	1850768	54.637 ng	100
47) 2-Chloronaphthalene	13.09	162	1458803	50.510 ng	99
48) 2-Nitroaniline	13.29	65	469900	50.980 ng	99
49) Acenaphthylene	13.94	152	2229063	55.498 ng	100
50) Dimethylphthalate	13.69	163	1883405	51.329 ng	100
51) 2,6-Dinitrotoluene	13.80	165	414882	56.863 ng	97
52) Acenaphthene	14.29	154	1374262	53.899 ng	99
53) 3-Nitroaniline	14.13	138	386918	54.987 ng	99
54) 2,4-Dinitrophenol	14.34	184	243075	63.811 ng	96
55) Dibenzofuran	14.62	168	2276145	53.589 ng	99
56) 4-Nitrophenol	14.45	139	325106	57.895 ng	95
57) 2,4-Dinitrotoluene	14.59	165	579811	57.200 ng	99
58) Fluorene	15.27	166	1962172	55.957 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	542069	53.097 ng	99
60) Diethylphthalate	15.07	149	1931064	53.049 ng	99
61) 4-Chlorophenyl-phenylether	15.27	204	1076456	53.450 ng	99
62) 4-Nitroaniline	15.30	138	407187	51.567 ng	98
63) Azobenzene	15.57	77	2015583	53.969 ng	99
65) 4,6-Dinitro-2-methylphenol	15.36	198	348917	70.258 ng	99
66) n-Nitrosodiphenylamine	15.49	169	1652832	57.550 ng	99
67) 4-Bromophenyl-phenylether	16.17	248	654556	53.613 ng	99
68) Hexachlorobenzene	16.29	284	759998	52.418 ng	95
69) Atrazine	16.45	200	481833	44.313 ng	100
70) Pentachlorophenol	16.62	266	467848	59.659 ng	99
71) Phenanthrene	17.01	178	3021967	53.759 ng	100
72) Anthracene	17.10	178	3096203	57.616 ng	100
73) Carbazole	17.37	167	2686084	54.342 ng	99
74) Di-n-butylphthalate	17.95	149	3261825	57.135 ng	100
75) Fluoranthene	19.03	202	3586573	51.077 ng	100
77) Benzidine	19.22	184	1506833	95.386 ng	100
78) Pyrene	19.40	202	3622918	65.376 ng	100
80) Butylbenzylphthalate	20.32	149	1338632	66.088 ng	100
81) Benzo(a)anthracene	21.16	228	3171988	53.749 ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	1257397	61.138 ng	99
83) Chrysene	21.21	228	3073258	53.620 ng	99
84) Bis(2-ethylhexyl)phthalate	21.11	149	1900100	65.911 ng	99
85) Di-n-octyl phthalate	21.97	149	2954197	62.113 ng	100
87) Indeno(1,2,3-cd)pyrene	25.51	276	2783346	44.936 ng	99
88) Benzo(b)fluoranthene	22.70	252	2912250	55.184 ng	99
89) Benzo(k)fluoranthene	22.74	252	2825407	54.684 ng	100
90) Benzo(a)pyrene	23.25	252	2458880	51.039 ng	100
91) Dibenzo(a,h)anthracene	25.53	278	2352869	45.641 ng	99
92) Benzo(g,h,i)perylene	26.17	276	2279759	45.902 ng	99

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

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