Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100221\
Data File : BM032311.D
Acq On : 01 Oct 2021 12:20
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
10/5/2021 12:06:10 PM

Quant Time: Oct 01 13:40:13 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 12:21:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	355583	20.00	ng		0.00
21) Naphthalene-d8	10.430	136	1357541	20.00	ng		# 0.00
39) Acenaphthene-d10	14.289	164	841103	20.00	ng		0.00
64) Phenanthrene-d10	17.012	188	1710431	20.00	ng		# 0.00
76) Chrysene-d12	21.183	240	1550482	20.00	ng		0.00
86) Perylene-d12	23.335	264	1528138	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.213	112	1957950	93.05	ng		0.00
7) Phenol-d6	6.836	99	2687933	87.96	ng		0.00
23) Nitrobenzene-d5	8.801	82	2340404	96.89	ng		0.00
42) 2,4,6-Tribromophenol	15.777	330	912724	99.96	ng		0.00
45) 2-Fluorobiphenyl	12.907	172	4920181	94.54	ng		0.00
79) Terphenyl-d14	19.630	244	6275563	93.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.013	88	414842	47.17	ng		91
3) Pyridine	3.425	79	1138481	44.93	ng		94
4) n-Nitrosodimethylamine	3.337	42	457736	44.28	ng	#	62
6) Aniline	6.966	93	1505053	43.83	ng		92
8) 2-Chlorophenol	7.213	128	1074707	45.79	ng		92
9) Benzaldehyde	6.766	77	740435	41.84	ng		87
10) Phenol	6.860	94	1299193	44.13	ng		82
11) bis(2-Chloroethyl)ether	7.060	93	1022651	43.57	ng		93
12) 1,3-Dichlorobenzene	7.531	146	1193916	45.88	ng	#	91
13) 1,4-Dichlorobenzene	7.678	146	1216108	45.88	ng		97
14) 1,2-Dichlorobenzene	8.001	146	1165872	45.23	ng		97
15) Benzyl Alcohol	7.883	79	949481	45.11	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.178	45	1295414	41.49	ng		98
17) 2-Methylphenol	8.101	107	892709	45.00	ng	#	90
18) Hexachloroethane	8.730	117	428861	48.59	ng		92
19) n-Nitroso-di-n-propyla...	8.454	70	746349	43.25	ng	#	83
20) 3+4-Methylphenols	8.430	107	1202132	44.03	ng		93
22) Acetophenone	8.460	105	1535147	46.13	ng	#	87
24) Nitrobenzene	8.842	77	1123537	47.88	ng	#	87
25) Isophorone	9.360	82	1988734	48.10	ng		95
26) 2-Nitrophenol	9.548	139	563841	53.74	ng	#	74
27) 2,4-Dimethylphenol	9.625	122	883204	47.74	ng		95
28) bis(2-Chloroethoxy)met...	9.842	93	1372593	45.80	ng		98
29) 2,4-Dichlorophenol	10.089	162	1000589	49.44	ng		97
30) 1,2,4-Trichlorobenzene	10.301	180	1091410	48.63	ng		99
31) Naphthalene	10.483	128	3249567	46.71	ng		99
32) Benzoic acid	9.801	122	699899	52.82	ng	#	82
33) 4-Chloroaniline	10.589	127	1372204	46.37	ng	#	94
34) Hexachlorobutadiene	10.789	225	653598	49.98	ng		98
35) Caprolactam	11.354	113	330365	44.72	ng	#	79
36) 4-Chloro-3-methylphenol	11.736	107	1078046	47.62	ng		95
37) 2-Methylnaphthalene	12.095	142	2211831m	46.08	ng		
38) 1-Methylnaphthalene	12.318	142	2157865	45.91	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.483	216	1121310	47.66	ng	#	96
41) Hexachlorocyclopentadiene	12.471	237	578233	56.07	ng		98
43) 2,4,6-Trichlorophenol	12.718	196	813243	49.84	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	876077	49.61	ng	#	90
46) 1,1'-Biphenyl	13.118	154	2869210	46.46	ng		99
47) 2-Chloronaphthalene	13.160	162	2226656	47.34	ng		98
48) 2-Nitroaniline	13.360	65	666982	51.39	ng	#	77
49) Acenaphthylene	14.007	152	3522121	48.03	ng		99
50) Dimethylphthalate	13.742	163	2786238	47.37	ng		99
51) 2,6-Dinitrotoluene	13.854	165	600274	51.22	ng	#	64
52) Acenaphthene	14.354	154	2316062	47.30	ng		98
53) 3-Nitroaniline	14.189	138	691157	50.38	ng		85
54) 2,4-Dinitrophenol	14.383	184	359370	52.55	ng	#	66
55) Dibenzofuran	14.683	168	3438037	46.22	ng		94
56) 4-Nitrophenol	14.507	139	575063	49.32	ng	#	68
57) 2,4-Dinitrotoluene	14.642	165	814612	52.27	ng	#	60
58) Fluorene	15.330	166	2489904	44.76	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.918	232	754182	48.96	ng	#	83
60) Diethylphthalate	15.107	149	2774504	47.72	ng		96
61) 4-Chlorophenyl-phenyle...	15.324	204	1281055	45.52	ng		94
62) 4-Nitroaniline	15.354	138	698297	49.80	ng	#	70
63) Azobenzene	15.612	77	2669821	47.51	ng		85
65) 4,6-Dinitro-2-methylph...	15.412	198	518432	52.94	ng	#	71
66) n-Nitrosodiphenylamine	15.536	169	2348769	46.97	ng		98
67) 4-Bromophenyl-phenylether	16.212	248	829928	48.60	ng		91
68) Hexachlorobenzene	16.348	284	904340	47.87	ng	#	82
69) Atrazine	16.483	200	835118	49.83	ng		95
70) Pentachlorophenol	16.677	266	611645	52.34	ng		98
71) Phenanthrene	17.059	178	4134828	45.76	ng		99
72) Anthracene	17.148	178	4101335	46.85	ng		99
73) Carbazole	17.412	167	4075429	45.61	ng		98
74) Di-n-butylphthalate	17.971	149	4600545	50.65	ng	#	97
75) Fluoranthene	19.065	202	4656518	45.54	ng		97
77) Benzidine	19.242	184	1983451	51.81	ng		98
78) Pyrene	19.424	202	4770265	49.40	ng		98
80) Butylbenzylphthalate	20.312	149	2048871	55.56	ng		92
81) Benzo(a)anthracene	21.165	228	4496597	47.14	ng		98
82) 3,3'-Dichlorobenzidine	21.100	252	1481969	48.41	ng		99
83) Chrysene	21.218	228	4320889	46.47	ng		99
84) Bis(2-ethylhexyl)phtha...	21.089	149	2720798	54.56	ng	#	94
85) Di-n-octyl phthalate	21.936	149	4779533	53.40	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.476	276	4409385	43.24	ng		96
88) Benzo(b)fluoranthene	22.694	252	4317251	50.23	ng		98
89) Benzo(k)fluoranthene	22.741	252	4188258	47.94	ng		98
90) Benzo(a)pyrene	23.241	252	3613328	49.27	ng		98
91) Dibenzo(a,h)anthracene	25.482	278	3719680	44.01	ng	#	95
92) Benzo(g,h,i)perylene	26.141	276	3669644	41.92	ng	#	95

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

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