Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100221\
Data File : BM032308.D
Acq On : 01 Oct 2021 10:31
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
10/5/2021 12:05:59 PM

Quant Time: Oct 01 12:23:16 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	7.637	152	325069	20.00	ng		0.00
21) Naphthalene-d8	10.431	136	1280016	20.00	ng		# 0.00
39) Acenaphthene-d10	14.283	164	813375	20.00	ng		0.00
64) Phenanthrene-d10	17.013	188	1686959	20.00	ng		# 0.00
76) Chrysene-d12	21.177	240	1649539	20.00	ng		0.00
86) Perylene-d12	23.336	264	1563611	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.207	112	421271	21.90	ng		0.00
7) Phenol-d6	6.825	99	579426	20.74	ng		0.00
23) Nitrobenzene-d5	8.790	82	476619	20.93	ng		-0.01
42) 2,4,6-Tribromophenol	15.771	330	193872	21.96	ng		0.00
45) 2-Fluorobiphenyl	12.901	172	1207501	23.99	ng		0.00
79) Terphenyl-d14	19.624	244	1821693	25.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.013	88	89707	11.16	ng		92
3) Pyridine	3.425	79	240378	10.38	ng		92
4) n-Nitrosodimethylamine	3.337	42	96108	10.17	ng	#	65
6) Aniline	6.960	93	311264	9.92	ng		91
8) 2-Chlorophenol	7.207	128	228631	10.66	ng		92
9) Benzaldehyde	6.766	77	173281	10.71	ng		85
10) Phenol	6.848	94	275996	10.25	ng		81
11) bis(2-Chloroethyl)ether	7.054	93	219725	10.24	ng		94
12) 1,3-Dichlorobenzene	7.531	146	258668	10.87	ng	#	91
13) 1,4-Dichlorobenzene	7.672	146	264555	10.92	ng		97
14) 1,2-Dichlorobenzene	7.995	146	256040	10.87	ng		97
15) Benzyl Alcohol	7.878	79	190362	9.89	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.172	45	278469	9.76	ng		98
17) 2-Methylphenol	8.095	107	181839	10.03	ng	#	90
18) Hexachloroethane	8.725	117	86634	10.74	ng		94
19) n-Nitroso-di-n-propyla...	8.443	70	154344	9.78	ng	#	85
20) 3+4-Methylphenols	8.425	107	249739	10.01	ng		93
22) Acetophenone	8.454	105	332326	10.59	ng	#	88
24) Nitrobenzene	8.831	77	229493	10.37	ng	#	90
25) Isophorone	9.354	82	386392	9.91	ng	#	94
26) 2-Nitrophenol	9.548	139	95422	9.64	ng	#	77
27) 2,4-Dimethylphenol	9.619	122	181357	10.40	ng		93
28) bis(2-Chloroethoxy)met...	9.837	93	292710	10.36	ng		99
29) 2,4-Dichlorophenol	10.084	162	199832	10.47	ng		98
30) 1,2,4-Trichlorobenzene	10.301	180	235918	11.15	ng		98
31) Naphthalene	10.478	128	711112	10.84	ng		99
32) Benzoic acid	9.719	122	90492	7.24	ng	#	82
33) 4-Chloroaniline	10.584	127	283204	10.15	ng	#	94
34) Hexachlorobutadiene	10.789	225	138673	11.25	ng		98
35) Caprolactam	11.307	113	55448	7.96	ng	#	84
36) 4-Chloro-3-methylphenol	11.725	107	215842	10.11	ng		96
37) 2-Methylnaphthalene	12.095	142	479784m	10.60	ng		
38) 1-Methylnaphthalene	12.313	142	472524	10.66	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.478	216	251546	11.06	ng	#	95
41) Hexachlorocyclopentadiene	12.472	237	105356	10.57	ng		99
43) 2,4,6-Trichlorophenol	12.719	196	165331	10.48	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.783	196	177788	10.41	ng	#	91
46) 1,1'-Biphenyl	13.113	154	652114	10.92	ng		99
47) 2-Chloronaphthalene	13.154	162	491289	10.80	ng		97
48) 2-Nitroaniline	13.354	65	117548	9.37	ng	#	85
49) Acenaphthylene	14.001	152	757014	10.67	ng		100
50) Dimethylphthalate	13.736	163	613931	10.79	ng		99
51) 2,6-Dinitrotoluene	13.848	165	116694	10.30	ng	#	65
52) Acenaphthene	14.348	154	497767	10.51	ng		98
53) 3-Nitroaniline	14.177	138	126959	9.57	ng		87
54) 2,4-Dinitrophenol	14.377	184	50098	7.58	ng	#	72
55) Dibenzofuran	14.683	168	786903	10.94	ng		91
56) 4-Nitrophenol	14.495	139	103571	9.19	ng	#	69
57) 2,4-Dinitrotoluene	14.636	165	149655	9.93	ng	#	62
58) Fluorene	15.330	166	606552	11.28	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.913	232	157006	10.54	ng	#	83
60) Diethylphthalate	15.095	149	604232	10.75	ng		96
61) 4-Chlorophenyl-phenyle...	15.319	204	312084	11.47	ng		92
62) 4-Nitroaniline	15.336	138	127069	9.37	ng	#	68
63) Azobenzene	15.613	77	564791	10.39	ng		84
65) 4,6-Dinitro-2-methylph...	15.401	198	81754	8.46	ng	#	77
66) n-Nitrosodiphenylamine	15.530	169	531199	10.77	ng		97
67) 4-Bromophenyl-phenylether	16.207	248	184749	10.97	ng		92
68) Hexachlorobenzene	16.342	284	207230	11.12	ng	#	83
69) Atrazine	16.471	200	176833	10.70	ng		97
70) Pentachlorophenol	16.677	266	114571	9.94	ng		96
71) Phenanthrene	17.054	178	984586	11.05	ng		99
72) Anthracene	17.142	178	944579	10.94	ng		100
73) Carbazole	17.407	167	940913	10.68	ng		98
74) Di-n-butylphthalate	17.965	149	945164	10.55	ng	#	97
75) Fluoranthene	19.059	202	1110273	11.01	ng		98
77) Benzidine	19.236	184	378173	9.29	ng		98
78) Pyrene	19.424	202	1162076	11.31	ng		100
80) Butylbenzylphthalate	20.312	149	384400	9.80	ng		93
81) Benzo(a)anthracene	21.159	228	1114056	10.98	ng		99
82) 3,3'-Dichlorobenzidine	21.095	252	341192	10.48	ng		99
83) Chrysene	21.212	228	1095202	11.07	ng		100
84) Bis(2-ethylhexyl)phtha...	21.083	149	554310	10.45	ng		95
85) Di-n-octyl phthalate	21.930	149	899517	9.45	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.465	276	1029564	9.87	ng		96
88) Benzo(b)fluoranthene	22.689	252	1030539	11.72	ng		99
89) Benzo(k)fluoranthene	22.730	252	996120	11.14	ng		99
90) Benzo(a)pyrene	23.236	252	807066	10.76	ng		98
91) Dibenzo(a,h)anthracene	25.465	278	874157	10.11	ng	#	94
92) Benzo(g,h,i)perylene	26.124	276	843732	9.42	ng	#	95

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

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