Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
Data File : BF125631.D
Acq On : 24 Sep 2021 20:49
Operator : JU/CG
Sample : M3911-06MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-CB-04-(0.5)MS

Manual Integrations APPROVED
mohammad
9/27/2021 2:58:56 PM

Quant Time: Sep 25 03:01:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	205624	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	842373	20.00	ng	# 0.00
39) Acenaphthene-d10	9.927	164	438897	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	715378	20.00	ng	0.00
76) Chrysene-d12	14.045	240	368950	20.00	ng	0.00
86) Perylene-d12	15.515	264	436612	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	773469	61.97	ng	0.00
7) Phenol-d6	6.504	99	609175	36.31	ng	0.00
23) Nitrobenzene-d5	7.451	82	1172722	97.10	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	550276	134.47	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2270629	94.44	ng	0.00
79) Terphenyl-d14	12.992	244	1940332	91.07	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.704	88	83725	15.76	ng	# 100
3) Pyridine	3.481	79	28624	2.04	ng	# 78
4) n-Nitrosodimethylamine	3.398	42	84926	16.29	ng	# 1
6) Aniline	6.545	93	228641	11.80	ng	93
8) 2-Chlorophenol	6.669	128	540035	38.15	ng	98
9) Benzaldehyde	6.439	77	418602	58.87	ng	92
10) Phenol	6.516	94	239353	14.11	ng	88
11) bis(2-Chloroethyl)ether	6.616	93	584707	44.36	ng	98
12) 1,3-Dichlorobenzene	6.828	146	588303	37.63	ng	97
13) 1,4-Dichlorobenzene	6.904	146	617030	38.80	ng	98
14) 1,2-Dichlorobenzene	7.057	146	593612	39.56	ng	98
15) Benzyl Alcohol	7.022	79	290259	24.94	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.163	45	743942	44.34	ng	88
17) 2-Methylphenol	7.133	107	356852	30.74	ng	98
18) Hexachloroethane	7.404	117	203651	39.45	ng	89
19) n-Nitroso-di-n-propyla...	7.298	70	407351	42.64	ng	# 69
20) 3+4-Methylphenols	7.286	107	395796	27.12	ng	# 80
22) Acetophenone	7.292	105	841355	44.02	ng	# 90
24) Nitrobenzene	7.469	77	606185	49.34	ng	98
25) Isophorone	7.710	82	1127254	41.68	ng	95
26) 2-Nitrophenol	7.780	139	324944	50.13	ng	90
27) 2,4-Dimethylphenol	7.816	122	537117	44.65	ng	94
28) bis(2-Chloroethoxy)met...	7.916	93	740484	48.54	ng	# 97
29) 2,4-Dichlorophenol	8.022	162	515914	43.18	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	527331	40.54	ng	96
31) Naphthalene	8.192	128	1732179	40.05	ng	99
32) Benzoic acid	7.880	122	86051m	16.64	ng	
33) 4-Chloroaniline	8.233	127	256617	14.14	ng	99
34) Hexachlorobutadiene	8.310	225	276464	38.55	ng	97
35) Caprolactam	8.598	113	22529m	5.78	ng	
36) 4-Chloro-3-methylphenol	8.704	107	484770	38.72	ng	97
37) 2-Methylnaphthalene	8.880	142	1219553	41.57	ng	99
38) 1-Methylnaphthalene	8.980	142	1144810	41.29	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	495082	43.37	ng	98
41) Hexachlorocyclopentadiene	9.039	237	547612	113.39	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	384980	48.09	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	410214	47.47	ng		92
46) 1,1'-Biphenyl	9.345	154	1412905	43.66	ng		97
47) 2-Chloronaphthalene	9.374	162	1186032	44.26	ng		97
48) 2-Nitroaniline	9.463	65	306375	48.44	ng		91
49) Acenaphthylene	9.786	152	1787603	44.32	ng		98
50) Dimethylphthalate	9.645	163	1360852	46.03	ng		98
51) 2,6-Dinitrotoluene	9.704	165	302486	50.02	ng		96
52) Acenaphthene	9.963	154	1164738	46.06	ng		98
53) 3-Nitroaniline	9.869	138	177175	27.23	ng		87
54) 2,4-Dinitrophenol	9.974	184	209129	76.12	ng	#	81
55) Dibenzofuran	10.133	168	1624669	42.82	ng		95
56) 4-Nitrophenol	10.021	139	169235	31.07	ng	#	83
57) 2,4-Dinitrotoluene	10.110	165	392841	51.86	ng	#	77
58) Fluorene	10.474	166	1217594	41.23	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	309840	46.58	ng	#	90
60) Diethylphthalate	10.345	149	1319393	46.29	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	556647	42.40	ng		93
62) 4-Nitroaniline	10.486	138	249224	37.43	ng	#	76
63) Azobenzene	10.627	77	1193634	43.37	ng		85
65) 4,6-Dinitro-2-methylph...	10.516	198	152753	44.65	ng	#	69
66) n-Nitrosodiphenylamine	10.586	169	1134248	46.19	ng		97
67) 4-Bromophenyl-phenylether	10.957	248	357860	47.67	ng		97
68) Hexachlorobenzene	11.021	284	419913	47.66	ng	#	88
69) Atrazine	11.110	200	321891	49.43	ng		95
70) Pentachlorophenol	11.210	266	404964	86.96	ng		96
71) Phenanthrene	11.433	178	1776440	44.28	ng		97
72) Anthracene	11.486	178	1826548	46.08	ng		97
73) Carbazole	11.639	167	1571089	40.27	ng		98
74) Di-n-butylphthalate	11.968	149	1885728	47.95	ng		100
75) Fluoranthene	12.621	202	1629593	38.01	ng		97
78) Pyrene	12.851	202	1619424	48.57	ng		97
80) Butylbenzylphthalate	13.468	149	577282	52.28	ng		95
81) Benzo(a)anthracene	14.033	228	1095163	43.70	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	256484	35.47	ng		97
83) Chrysene	14.074	228	1132936	45.05	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	677479	53.60	ng		99
85) Di-n-octyl phthalate	14.639	149	1247408	67.29	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.003	276	1512662	51.04	ng		97
88) Benzo(b)fluoranthene	15.086	252	1338984	43.77	ng		98
89) Benzo(k)fluoranthene	15.121	252	1182124	40.33	ng		98
90) Benzo(a)pyrene	15.456	252	1276214	46.87	ng		97
91) Dibenzo(a,h)anthracene	17.027	278	1256363	50.72	ng		97
92) Benzo(g,h,i)perylene	17.456	276	1250867	49.44	ng		93

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

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