Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090921\
Data File : BF125408.D
Acq On : 9 Sep 2021 12:28
Operator : JU/CG
Sample : PB138985BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138985BS

Manual Integrations APPROVED
mohammad
9/10/2021 3:25:02 PM

Quant Time: Sep 09 14:51:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 08 14:14:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	159394	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	614762	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	325692	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	569477	20.000	ng	0.00
76) Chrysene-d12	14.063	240	320720	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	311063	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1168033	110.916	ng	0.01
7) Phenol-d6	6.528	99	1449784	106.448	ng	0.00
23) Nitrobenzene-d5	7.457	82	987936	80.904	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	457267	140.649	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1714228	73.357	ng	0.00
79) Terphenyl-d14	13.004	244	1753157	87.083	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	183725	35.356	ng	# 100
3) Pyridine	3.510	79	415814	30.312	ng	# 90
4) n-Nitrosodimethylamine	3.463	42	269569	39.270	ng	# 33
6) Aniline	6.551	93	639537	39.975	ng	# 92
8) 2-Chlorophenol	6.675	128	462943	43.093	ng	82
9) Benzaldehyde	6.439	77	335836	35.136	ng	95
10) Phenol	6.539	94	592207	41.521	ng	86
11) bis(2-Chloroethyl)ether	6.622	93	481919	42.902	ng	84
12) 1,3-Dichlorobenzene	6.828	146	511098	41.056	ng	97
13) 1,4-Dichlorobenzene	6.904	146	518946	41.836	ng	97
14) 1,2-Dichlorobenzene	7.057	146	500973	42.929	ng	98
15) Benzyl Alcohol	7.034	79	433270	41.317	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	897058	39.821	ng	93
17) 2-Methylphenol	7.145	107	382519	42.388	ng	# 92
18) Hexachloroethane	7.398	117	187859	43.250	ng	# 84
19) n-Nitroso-di-n-propyla...	7.304	70	331086	40.416	ng	# 76
20) 3+4-Methylphenols	7.298	107	434407	38.348	ng	# 71
22) Acetophenone	7.298	105	636685	40.241	ng	# 86
24) Nitrobenzene	7.475	77	545374	40.988	ng	91
25) Isophorone	7.710	82	951289	40.382	ng	# 89
26) 2-Nitrophenol	7.786	139	252362	47.499	ng	# 79
27) 2,4-Dimethylphenol	7.828	122	401640	43.181	ng	93
28) bis(2-Chloroethoxy)met...	7.916	93	586367	44.956	ng	# 97
29) 2,4-Dichlorophenol	8.033	162	393011	41.431	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	438047	42.348	ng	96
31) Naphthalene	8.192	128	1250612	39.722	ng	99
32) Benzoic acid	7.957	122	266531	42.219	ng	# 81
33) 4-Chloroaniline	8.239	127	414273	33.377	ng	# 91
34) Hexachlorobutadiene	8.304	225	278881	42.282	ng	99
35) Caprolactam	8.622	113	125757m	51.184	ng	
36) 4-Chloro-3-methylphenol	8.728	107	423143	43.696	ng	91
37) 2-Methylnaphthalene	8.886	142	867079	41.677	ng	99
38) 1-Methylnaphthalene	8.986	142	789852	40.655	ng	96
40) 1,2,4,5-Tetrachloroben...	9.051	216	440819	41.427	ng	98
41) Hexachlorocyclopentadiene	9.039	237	452159	80.879	ng	96
43) 2,4,6-Trichlorophenol	9.163	196	306470	40.904	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	313199	39.733	ng	#	90
46) 1,1'-Biphenyl	9.351	154	988211	37.635	ng		98
47) 2-Chloronaphthalene	9.375	162	825861	38.704	ng		98
48) 2-Nitroaniline	9.475	65	298480	45.126	ng		84
49) Acenaphthylene	9.792	152	1226238	39.437	ng		97
50) Dimethylphthalate	9.651	163	963273	42.679	ng	#	96
51) 2,6-Dinitrotoluene	9.716	165	212528	43.426	ng		90
52) Acenaphthene	9.963	154	718874	37.295	ng		98
53) 3-Nitroaniline	9.886	138	182511	34.581	ng	#	76
54) 2,4-Dinitrophenol	9.992	184	228359	118.128	ng	#	81
55) Dibenzofuran	10.139	168	1065474	38.409	ng		96
56) 4-Nitrophenol	10.057	139	307616	73.602	ng	#	78
57) 2,4-Dinitrotoluene	10.122	165	278779	47.066	ng	#	98
58) Fluorene	10.480	166	833803	40.656	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	247361	42.286	ng	#	84
60) Diethylphthalate	10.351	149	942266	42.824	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	434350	41.887	ng	#	86
62) 4-Nitroaniline	10.504	138	219039	46.153	ng	#	82
63) Azobenzene	10.627	77	954494	38.674	ng		91
65) 4,6-Dinitro-2-methylph...	10.527	198	152113	50.468	ng		97
66) n-Nitrosodiphenylamine	10.592	169	805091	39.483	ng		97
67) 4-Bromophenyl-phenylether	10.957	248	294696	43.094	ng		94
68) Hexachlorobenzene	11.027	284	313247	44.528	ng	#	83
69) Atrazine	11.116	200	276082	47.183	ng		92
70) Pentachlorophenol	11.222	266	319164	77.700	ng		92
71) Phenanthrene	11.445	178	1230587	39.218	ng		98
72) Anthracene	11.498	178	1264880	40.897	ng		98
73) Carbazole	11.651	167	1068429	37.803	ng		100
74) Di-n-butylphthalate	11.974	149	1397215	41.659	ng		100
75) Fluoranthene	12.633	202	1208638	38.819	ng		97
77) Benzidine	12.751	184	643543	57.454	ng		97
78) Pyrene	12.863	202	1214330	44.139	ng		96
80) Butylbenzylphthalate	13.474	149	488553	45.194	ng	#	93
81) Benzo(a)anthracene	14.051	228	951169	41.162	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	285287	39.827	ng		99
83) Chrysene	14.086	228	923816	40.425	ng		98
84) Bis(2-ethylhexyl)phtha...	14.027	149	648426	43.642	ng		100
85) Di-n-octyl phthalate	14.645	149	996982	40.345	ng		98
87) Indeno(1,2,3-cd)pyrene	17.062	276	1120493	50.001	ng	#	89
88) Benzo(b)fluoranthene	15.109	252	954112	41.984	ng	#	95
89) Benzo(k)fluoranthene	15.145	252	871271	41.085	ng		98
90) Benzo(a)pyrene	15.486	252	899968	44.832	ng	#	97
91) Dibenzo(a,h)anthracene	17.074	278	946460	48.860	ng	#	95
92) Benzo(g,h,i)perylene	17.515	276	968727	51.866	ng	#	88

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

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