Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
Data File : BF125202.D
Acq On : 25 Aug 2021 10:51
Operator : JU/CG
Sample : PB138680BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138680BS

Manual Integrations APPROVED
mohammad
8/26/2021 11:39:40 AM

Quant Time: Aug 25 11:36:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	128701	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	457847	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	220311	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	357247	20.000	ng	0.00
76) Chrysene-d12	14.086	240	278072	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	294474	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	926039	108.908	ng	0.01
7) Phenol-d6	6.540	99	1086411	98.791	ng	0.00
23) Nitrobenzene-d5	7.481	82	750057	82.475	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	291686	132.633	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1248976	79.013	ng	0.00
79) Terphenyl-d14	13.027	244	1300959	74.533	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	149795	35.701	ng	# 100
3) Pyridine	3.540	79	336700	30.398	ng	89
4) n-Nitrosodimethylamine	3.493	42	234896	42.380	ng	# 56
6) Aniline	6.575	93	508239	39.345	ng	# 91
8) 2-Chlorophenol	6.698	128	356620	41.113	ng	83
9) Benzaldehyde	6.469	77	278552	36.093	ng	95
10) Phenol	6.557	94	458353	39.800	ng	97
11) bis(2-Chloroethyl)ether	6.651	93	373208	41.148	ng	89
12) 1,3-Dichlorobenzene	6.857	146	421460	41.929	ng	96
13) 1,4-Dichlorobenzene	6.934	146	424703	42.404	ng	97
14) 1,2-Dichlorobenzene	7.087	146	406967	43.190	ng	97
15) Benzyl Alcohol	7.051	79	298543	35.259	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.187	45	741187	40.748	ng	98
17) 2-Methylphenol	7.163	107	272749	37.432	ng	# 94
18) Hexachloroethane	7.428	117	156873	44.729	ng	91
19) n-Nitroso-di-n-propyla...	7.328	70	253062	38.258	ng	# 82
20) 3+4-Methylphenols	7.316	107	333945	36.510	ng	# 84
22) Acetophenone	7.322	105	508707	43.172	ng	# 90
24) Nitrobenzene	7.498	77	400039	40.369	ng	90
25) Isophorone	7.734	82	677582	38.621	ng	# 89
26) 2-Nitrophenol	7.810	139	183769	46.443	ng	# 76
27) 2,4-Dimethylphenol	7.845	122	285462	41.209	ng	86
28) bis(2-Chloroethoxy)met...	7.945	93	414156	42.635	ng	# 97
29) 2,4-Dichlorophenol	8.051	162	275225	38.958	ng	94
30) 1,2,4-Trichlorobenzene	8.139	180	338118	43.890	ng	95
31) Naphthalene	8.222	128	945646	40.330	ng	98
32) Benzoic acid	7.951	122	180929	38.482	ng	# 82
33) 4-Chloroaniline	8.263	127	299289	32.377	ng	# 88
34) Hexachlorobutadiene	8.334	225	223116	45.421	ng	98
35) Caprolactam	8.622	113	75605m	41.318	ng	
36) 4-Chloro-3-methylphenol	8.739	107	282948	39.232	ng	88
37) 2-Methylnaphthalene	8.910	142	628359	40.554	ng	99
38) 1-Methylnaphthalene	9.010	142	573441	39.632	ng	97
40) 1,2,4,5-Tetrachloroben...	9.075	216	316780	44.010	ng	99
41) Hexachlorocyclopentadiene	9.063	237	407592	107.781	ng	99
43) 2,4,6-Trichlorophenol	9.186	196	205159	40.480	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	218524	40.983	ng		95
46) 1,1'-Biphenyl	9.375	154	707440	39.830	ng		99
47) 2-Chloronaphthalene	9.398	162	592725	41.065	ng		98
48) 2-Nitroaniline	9.492	65	190543	42.587	ng	#	81
49) Acenaphthylene	9.816	152	858666	40.825	ng		99
50) Dimethylphthalate	9.669	163	630589	41.303	ng		97
51) 2,6-Dinitrotoluene	9.733	165	136162	41.130	ng		88
52) Acenaphthene	9.986	154	581989	44.635	ng		98
53) 3-Nitroaniline	9.904	138	113116	31.685	ng	#	82
54) 2,4-Dinitrophenol	10.010	184	135914	103.937	ng	#	81
55) Dibenzofuran	10.157	168	737619	39.309	ng		99
56) 4-Nitrophenol	10.057	139	217473	76.924	ng	#	75
57) 2,4-Dinitrotoluene	10.133	165	177185	44.222	ng	#	95
58) Fluorene	10.504	166	567445	40.903	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	166669	42.120	ng	#	87
60) Diethylphthalate	10.369	149	613092	41.191	ng		99
61) 4-Chlorophenyl-phenyle...	10.492	204	291230	41.519	ng		92
62) 4-Nitroaniline	10.516	138	133129	41.469	ng		87
63) Azobenzene	10.651	77	621797	37.245	ng		92
65) 4,6-Dinitro-2-methylph...	10.545	198	87128	46.081	ng		78
66) n-Nitrosodiphenylamine	10.610	169	529051	41.359	ng		96
67) 4-Bromophenyl-phenylether	10.980	248	192687	44.916	ng		97
68) Hexachlorobenzene	11.051	284	205654	46.600	ng	#	83
69) Atrazine	11.133	200	175018	47.681	ng		93
70) Pentachlorophenol	11.239	266	229115	88.913	ng		92
71) Phenanthrene	11.469	178	818991	41.606	ng		97
72) Anthracene	11.516	178	848173	43.715	ng		99
73) Carbazole	11.669	167	712805	40.203	ng		100
74) Di-n-butylphthalate	11.998	149	923189	43.878	ng		100
75) Fluoranthene	12.657	202	864144	44.243	ng		96
77) Benzidine	12.774	184	628281	64.694	ng		97
78) Pyrene	12.886	202	874650	36.668	ng		96
80) Butylbenzylphthalate	13.498	149	385661	41.147	ng		93
81) Benzo(a)anthracene	14.074	228	828044	41.329	ng		99
82) 3,3'-Dichlorobenzidine	14.033	252	263962	42.502	ng	#	98
83) Chrysene	14.110	228	812509	41.007	ng		97
84) Bis(2-ethylhexyl)phtha...	14.057	149	543637	42.201	ng		99
85) Di-n-octyl phthalate	14.674	149	943619	44.042	ng		99
87) Indeno(1,2,3-cd)pyrene	17.104	276	1052167	49.597	ng	#	88
88) Benzo(b)fluoranthene	15.139	252	856826	39.827	ng	#	94
89) Benzo(k)fluoranthene	15.168	252	847403	42.211	ng		98
90) Benzo(a)pyrene	15.515	252	859262	45.215	ng	#	94
91) Dibenzo(a,h)anthracene	17.121	278	879705	47.972	ng	#	93
92) Benzo(g,h,i)perylene	17.562	276	912286	51.595	ng	#	87

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

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