Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
Data File : BF125341.D
Acq On : 3 Sep 2021 12:12
Operator : JU/CG
Sample : PB138862BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138862BS

Manual Integrations APPROVED
mohammad
9/7/2021 11:36:37 AM

Quant Time: Sep 03 13:19:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 11:56:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	192043	20.000	ng		0.00
21) Naphthalene-d8	8.187	136	751609	20.000	ng		# 0.00
39) Acenaphthene-d10	9.939	164	394273	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	725162	20.000	ng		0.00
76) Chrysene-d12	14.074	240	465332	20.000	ng		# 0.00
86) Perylene-d12	15.563	264	367425	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	1410442	111.165	ng		0.02
7) Phenol-d6	6.540	99	1778523	108.384	ng		0.00
23) Nitrobenzene-d5	7.469	82	1210515	81.082	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	562260	142.861	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	2068363	73.115	ng		0.00
79) Terphenyl-d14	13.016	244	2365508	80.985	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.799	88	220642	35.242	ng	#	100
3) Pyridine	3.552	79	518655	31.381	ng	#	92
4) n-Nitrosodimethylamine	3.516	42	333883	40.371	ng	#	29
6) Aniline	6.563	93	792111	41.095	ng	#	92
8) 2-Chlorophenol	6.687	128	567118	43.816	ng		80
9) Benzaldehyde	6.451	77	430792	37.408	ng		90
10) Phenol	6.551	94	731354	42.559	ng		89
11) bis(2-Chloroethyl)ether	6.640	93	593595	43.860	ng		87
12) 1,3-Dichlorobenzene	6.840	146	611537	40.773	ng		95
13) 1,4-Dichlorobenzene	6.916	146	623200	41.700	ng		97
14) 1,2-Dichlorobenzene	7.069	146	606545	43.139	ng		98
15) Benzyl Alcohol	7.045	79	539097	42.669	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1099623	40.514	ng		96
17) 2-Methylphenol	7.157	107	495238	45.548	ng		95
18) Hexachloroethane	7.410	117	226404	43.262	ng	#	86
19) n-Nitroso-di-n-propyla...	7.316	70	411072	41.649	ng	#	75
20) 3+4-Methylphenols	7.304	107	543468	39.819	ng	#	80
22) Acetophenone	7.310	105	768433	39.725	ng	#	86
24) Nitrobenzene	7.487	77	652028	40.081	ng	#	88
25) Isophorone	7.722	82	1168598	40.575	ng	#	88
26) 2-Nitrophenol	7.798	139	307214	47.295	ng	#	79
27) 2,4-Dimethylphenol	7.834	122	508987	44.759	ng		88
28) bis(2-Chloroethoxy)met...	7.928	93	715330	44.858	ng	#	97
29) 2,4-Dichlorophenol	8.039	162	482076	41.568	ng		95
30) 1,2,4-Trichlorobenzene	8.122	180	527483	41.709	ng		96
31) Naphthalene	8.204	128	1529790	39.742	ng		99
32) Benzoic acid	7.975	122	292897	37.948	ng	#	83
33) 4-Chloroaniline	8.251	127	527681	34.774	ng	#	89
34) Hexachlorobutadiene	8.316	225	328462	40.732	ng		98
35) Caprolactam	8.634	113	161854m	53.881	ng		
36) 4-Chloro-3-methylphenol	8.739	107	522614	44.142	ng		91
37) 2-Methylnaphthalene	8.898	142	1048963	41.239	ng		100
38) 1-Methylnaphthalene	8.998	142	967303	40.724	ng		95
40) 1,2,4,5-Tetrachloroben...	9.063	216	525948	40.829	ng		98
41) Hexachlorocyclopentadiene	9.051	237	575005	84.962	ng		97
43) 2,4,6-Trichlorophenol	9.175	196	366308	40.386	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	395469	41.443	ng	#	90
46) 1,1'-Biphenyl	9.363	154	1214044	38.194	ng		98
47) 2-Chloronaphthalene	9.386	162	1014312	39.267	ng		97
48) 2-Nitroaniline	9.486	65	370446	46.265	ng		84
49) Acenaphthylene	9.804	152	1504524	39.971	ng		97
50) Dimethylphthalate	9.663	163	1181670	43.248	ng		97
51) 2,6-Dinitrotoluene	9.728	165	254427	42.945	ng	#	81
52) Acenaphthene	9.975	154	880683	37.742	ng		98
53) 3-Nitroaniline	9.898	138	239018	37.410	ng	#	78
54) 2,4-Dinitrophenol	10.010	184	284992	121.781	ng	#	80
55) Dibenzofuran	10.151	168	1286909	38.321	ng		97
56) 4-Nitrophenol	10.069	139	427158	84.427	ng	#	79
57) 2,4-Dinitrotoluene	10.133	165	342556	47.773	ng	#	95
58) Fluorene	10.492	166	1024695	41.272	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	310941	43.909	ng	#	84
60) Diethylphthalate	10.363	149	1150878	43.207	ng		98
61) 4-Chlorophenyl-phenyle...	10.480	204	530784	42.284	ng	#	86
62) 4-Nitroaniline	10.516	138	289099	50.319	ng	#	81
63) Azobenzene	10.639	77	1180686	39.518	ng		90
65) 4,6-Dinitro-2-methylph...	10.545	198	185221	48.260	ng		83
66) n-Nitrosodiphenylamine	10.604	169	987951	38.049	ng		98
67) 4-Bromophenyl-phenylether	10.969	248	357875	41.098	ng		94
68) Hexachlorobenzene	11.039	284	393323	43.907	ng	#	85
69) Atrazine	11.128	200	340972	45.763	ng		91
70) Pentachlorophenol	11.233	266	414928	79.327	ng		92
71) Phenanthrene	11.457	178	1569498	39.280	ng		97
72) Anthracene	11.510	178	1600313	40.634	ng		98
73) Carbazole	11.663	167	1405784	39.061	ng		99
74) Di-n-butylphthalate	11.986	149	1763033	41.281	ng		99
75) Fluoranthene	12.645	202	1666824	42.042	ng		98
77) Benzidine	12.763	184	1042195	64.129	ng		97
78) Pyrene	12.874	202	1684498	42.201	ng		96
80) Butylbenzylphthalate	13.486	149	715614	45.626	ng	#	94
81) Benzo(a)anthracene	14.063	228	1379975	41.159	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	400529	38.539	ng	#	98
83) Chrysene	14.098	228	1317571	39.737	ng		97
84) Bis(2-ethylhexyl)phtha...	14.039	149	987491	45.808	ng	#	99
85) Di-n-octyl phthalate	14.651	149	1512355	42.181	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.080	276	1169125	44.168	ng	#	90
88) Benzo(b)fluoranthene	15.127	252	1204583	44.875	ng	#	94
89) Benzo(k)fluoranthene	15.157	252	1094695	43.702	ng		99
90) Benzo(a)pyrene	15.504	252	1094005	46.138	ng	#	95
91) Dibenzo(a,h)anthracene	17.098	278	981869	42.913	ng	#	93
92) Benzo(g,h,i)perylene	17.539	276	1009772	45.770	ng	#	87

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

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