Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
Data File : BF125731.D
Acq On : 30 Sep 2021 14:00
Operator : JU/CG
Sample : M3951-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-20210924MSD

Manual Integrations APPROVED
mohammad
10/1/2021 11:28:51 AM

Quant Time: Sep 30 14:30:07 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	209191	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	863595	20.000	ng	#	0.00
39) Acenaphthene-d10	9.927	164	465627	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	798492	20.000	ng		0.00
76) Chrysene-d12	14.045	240	477059	20.000	ng		0.00
86) Perylene-d12	15.515	264	471562	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1538293	121.154	ng		0.02
7) Phenol-d6	6.516	99	1757749	102.973	ng		0.00
23) Nitrobenzene-d5	7.451	82	1240782	100.215	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	627616	144.567	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	2360154	92.212	ng		0.00
79) Terphenyl-d14	12.992	244	2458820	89.257	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.834	88	227634	42.126	ng	#	100
3) Pyridine	3.540	79	434530	30.403	ng	#	70
4) n-Nitrosodimethylamine	3.487	42	236113	44.522	ng	#	1
6) Aniline	6.551	93	562559	28.542	ng		94
8) 2-Chlorophenol	6.675	128	674343	46.821	ng		97
9) Benzaldehyde	6.439	77	244882	29.002	ng		89
10) Phenol	6.528	94	652689m	37.826	ng		
11) bis(2-Chloroethyl)ether	6.622	93	627599	46.803	ng		96
12) 1,3-Dichlorobenzene	6.834	146	663085m	41.695	ng		
13) 1,4-Dichlorobenzene	6.904	146	681668	42.130	ng		98
14) 1,2-Dichlorobenzene	7.057	146	658773	43.153	ng		99
15) Benzyl Alcohol	7.028	79	519111	43.842	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.163	45	753412	44.139	ng		87
17) 2-Methylphenol	7.134	107	519226	43.963	ng		96
18) Hexachloroethane	7.404	117	230224	43.836	ng	#	87
19) n-Nitroso-di-n-propyla...	7.298	70	407447	41.923	ng	#	69
20) 3+4-Methylphenols	7.286	107	616324	41.508	ng		94
22) Acetophenone	7.298	105	864906	44.137	ng	#	89
24) Nitrobenzene	7.469	77	637160	50.591	ng		98
25) Isophorone	7.710	82	1158554	41.782	ng		95
26) 2-Nitrophenol	7.781	139	354318	52.953	ng	#	90
27) 2,4-Dimethylphenol	7.816	122	595149	48.262	ng		93
28) bis(2-Chloroethoxy)met...	7.916	93	747708	47.808	ng		98
29) 2,4-Dichlorophenol	8.022	162	573226	46.795	ng		96
30) 1,2,4-Trichlorobenzene	8.110	180	568979	42.668	ng		97
31) Naphthalene	8.192	128	1876107	42.310	ng		99
32) Benzoic acid	7.934	122	398199	44.770	ng		97
33) 4-Chloroaniline	8.233	127	272181	14.634	ng		99
34) Hexachlorobutadiene	8.310	225	301816	41.048	ng		99
35) Caprolactam	8.598	113	155151m	38.812	ng		
36) 4-Chloro-3-methylphenol	8.716	107	580360	45.213	ng		98
37) 2-Methylnaphthalene	8.880	142	1293066	42.996	ng		100
38) 1-Methylnaphthalene	8.980	142	1207879	42.498	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	526364	43.466	ng		99
41) Hexachlorocyclopentadiene	9.039	237	536905	104.789	ng		97
43) 2,4,6-Trichlorophenol	9.157	196	411145	48.415	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	441457	48.149	ng	#	91
46) 1,1'-Biphenyl	9.345	154	1488310	43.348	ng		97
47) 2-Chloronaphthalene	9.369	162	1237279	43.526	ng		98
48) 2-Nitroaniline	9.463	65	349301	51.742	ng		94
49) Acenaphthylene	9.786	152	1897400	44.340	ng		97
50) Dimethylphthalate	9.645	163	1440072	45.909	ng		98
51) 2,6-Dinitrotoluene	9.704	165	327740	51.001	ng		96
52) Acenaphthene	9.957	154	1270995	47.372	ng		97
53) 3-Nitroaniline	9.875	138	247489	34.855	ng		99
54) 2,4-Dinitrophenol	9.980	184	289909	91.207	ng	#	71
55) Dibenzofuran	10.133	168	1745003	43.351	ng		93
56) 4-Nitrophenol	10.033	139	531369	91.961	ng		88
57) 2,4-Dinitrotoluene	10.110	165	444452	54.988	ng	#	77
58) Fluorene	10.475	166	1290992	41.204	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	349727	49.562	ng	#	88
60) Diethylphthalate	10.345	149	1381677	45.688	ng		98
61) 4-Chlorophenyl-phenyle...	10.463	204	593273	42.600	ng		90
62) 4-Nitroaniline	10.492	138	357532	49.947	ng	#	70
63) Azobenzene	10.622	77	1263477	43.271	ng		85
65) 4,6-Dinitro-2-methylph...	10.516	198	194680	49.699	ng	#	69
66) n-Nitrosodiphenylamine	10.580	169	1200231	43.786	ng		96
67) 4-Bromophenyl-phenylether	10.951	248	377418	45.039	ng		95
68) Hexachlorobenzene	11.022	284	455043	46.267	ng	#	84
69) Atrazine	11.110	200	386961	53.241	ng		93
70) Pentachlorophenol	11.216	266	508262	97.779	ng		95
71) Phenanthrene	11.433	178	1963700	43.855	ng		96
72) Anthracene	11.486	178	2010451	45.438	ng		97
73) Carbazole	11.639	167	1886897	43.333	ng		98
74) Di-n-butylphthalate	11.969	149	2096292	47.752	ng		99
75) Fluoranthene	12.621	202	1982817	41.434	ng		97
77) Benzidine	12.739	184	864410	68.974	ng		97
78) Pyrene	12.851	202	2009998	46.621	ng		96
80) Butylbenzylphthalate	13.468	149	770947	53.999	ng		96
81) Benzo(a)anthracene	14.033	228	1413491	43.619	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	365321	39.070	ng		99
83) Chrysene	14.074	228	1442081	44.344	ng		97
84) Bis(2-ethylhexyl)phtha...	14.021	149	922814	56.462	ng		100
85) Di-n-octyl phthalate	14.633	149	1416629	59.097	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.003	276	1622906	50.700	ng		97
88) Benzo(b)fluoranthene	15.086	252	1472953	44.583	ng		98
89) Benzo(k)fluoranthene	15.121	252	1322264	41.772	ng		97
90) Benzo(a)pyrene	15.457	252	1390206	47.271	ng		98
91) Dibenzo(a,h)anthracene	17.027	278	1359440	50.811	ng		97
92) Benzo(g,h,i)perylene	17.462	276	1408292	51.540	ng		93

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

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