Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
Data File : BF125467.D
Acq On : 14 Sep 2021 10:46
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/15/2021 4:26:53 PM

Quant Time: Sep 14 11:46:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 14 11:45:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	166508	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	622441	20.000	ng	#	0.00
39) Acenaphthene-d10	9.922	164	335825	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	619538	20.000	ng		0.00
76) Chrysene-d12	14.063	240	408611	20.000	ng	#	0.00
86) Perylene-d12	15.551	264	322624	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	780099	70.913	ng		0.00
7) Phenol-d6	6.522	99	1044475	73.412	ng		0.00
23) Nitrobenzene-d5	7.451	82	957157	77.416	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	317498	94.711	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1671647	69.376	ng		0.00
79) Terphenyl-d14	12.998	244	1949979	76.026	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	192673	35.494	ng	#	100
3) Pyridine	3.440	79	530728	37.036	ng	#	91
4) n-Nitrosodimethylamine	3.405	42	258774	36.087	ng	#	44
6) Aniline	6.545	93	603573	36.116	ng	#	90
8) 2-Chlorophenol	6.669	128	420815	37.498	ng		82
9) Benzaldehyde	6.434	77	387870	38.846	ng		92
10) Phenol	6.534	94	561952	37.716	ng		77
11) bis(2-Chloroethyl)ether	6.616	93	431061	36.735	ng		83
12) 1,3-Dichlorobenzene	6.822	146	481609	37.034	ng		99
13) 1,4-Dichlorobenzene	6.898	146	481582	37.166	ng		98
14) 1,2-Dichlorobenzene	7.051	146	443362	36.369	ng		98
15) Benzyl Alcohol	7.028	79	373777	34.121	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	784458	33.335	ng		87
17) 2-Methylphenol	7.140	107	368436	39.083	ng	#	91
18) Hexachloroethane	7.387	117	171500	37.797	ng	#	88
19) n-Nitroso-di-n-propyla...	7.298	70	304956	35.635	ng	#	77
20) 3+4-Methylphenols	7.292	107	410987	34.731	ng	#	68
22) Acetophenone	7.292	105	558719	34.878	ng	#	86
24) Nitrobenzene	7.469	77	507614	37.679	ng		90
25) Isophorone	7.704	82	911353	38.210	ng	#	89
26) 2-Nitrophenol	7.781	139	241993	44.985	ng	#	83
27) 2,4-Dimethylphenol	7.816	122	332041	35.258	ng		88
28) bis(2-Chloroethoxy)met...	7.910	93	493058	37.336	ng	#	97
29) 2,4-Dichlorophenol	8.028	162	375409	39.087	ng		97
30) 1,2,4-Trichlorobenzene	8.104	180	397985	38.000	ng		93
31) Naphthalene	8.187	128	1149922	36.073	ng		100
32) Benzoic acid	7.963	122	239848	37.524	ng	#	81
33) 4-Chloroaniline	8.234	127	491766	39.132	ng	#	89
34) Hexachlorobutadiene	8.298	225	264071	39.543	ng		99
35) Caprolactam	8.622	113	114904	46.190	ng	#	51
36) 4-Chloro-3-methylphenol	8.728	107	409115	41.726	ng		94
37) 2-Methylnaphthalene	8.875	142	806988	38.310	ng		98
38) 1-Methylnaphthalene	8.975	142	747774	38.014	ng		94
40) 1,2,4,5-Tetrachloroben...	9.045	216	404268	36.846	ng		98
41) Hexachlorocyclopentadiene	9.028	237	217224	37.683	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	286074	37.030	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	312976	38.507	ng		92
46) 1,1'-Biphenyl	9.345	154	938625	34.668	ng		99
47) 2-Chloronaphthalene	9.369	162	776418	35.289	ng		98
48) 2-Nitroaniline	9.469	65	283909	41.628	ng	#	83
49) Acenaphthylene	9.786	152	1154839	36.020	ng		98
50) Dimethylphthalate	9.645	163	907992	39.016	ng	#	97
51) 2,6-Dinitrotoluene	9.710	165	210338	41.682	ng	#	84
52) Acenaphthene	9.957	154	690032	34.718	ng		99
53) 3-Nitroaniline	9.881	138	229560	42.183	ng	#	74
54) 2,4-Dinitrophenol	9.992	184	110196	55.283	ng	#	78
55) Dibenzofuran	10.128	168	1036011	36.220	ng		99
56) 4-Nitrophenol	10.051	139	155991	36.197	ng	#	80
57) 2,4-Dinitrotoluene	10.116	165	274707	44.979	ng	#	97
58) Fluorene	10.475	166	814330	38.508	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	247764	41.077	ng	#	83
60) Diethylphthalate	10.339	149	880431	38.806	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	419147	39.202	ng	#	84
62) 4-Nitroaniline	10.498	138	231326	47.271	ng	#	84
63) Azobenzene	10.622	77	912634	35.862	ng		92
65) 4,6-Dinitro-2-methylph...	10.528	198	175625	53.561	ng		85
66) n-Nitrosodiphenylamine	10.586	169	789573	35.593	ng		95
67) 4-Bromophenyl-phenylether	10.951	248	286758	38.545	ng		93
68) Hexachlorobenzene	11.022	284	307794	40.217	ng	#	83
69) Atrazine	11.110	200	234401	36.823	ng		90
70) Pentachlorophenol	11.216	266	163296	36.542	ng		90
71) Phenanthrene	11.439	178	1219099	35.712	ng		97
72) Anthracene	11.492	178	1210798	35.985	ng		98
73) Carbazole	11.645	167	1140428	37.090	ng		100
74) Di-n-butylphthalate	11.969	149	1326264	36.348	ng		99
75) Fluoranthene	12.627	202	1318692	38.931	ng		98
77) Benzidine	12.751	184	536112	37.567	ng		99
78) Pyrene	12.857	202	1325977	37.830	ng		96
80) Butylbenzylphthalate	13.469	149	530677	38.531	ng		92
81) Benzo(a)anthracene	14.051	228	1127679	38.303	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	318584	34.909	ng	#	97
83) Chrysene	14.086	228	1055628	36.257	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	685127	36.194	ng	#	99
85) Di-n-octyl phthalate	14.639	149	1053451	33.461	ng		98
87) Indeno(1,2,3-cd)pyrene	17.062	276	857010	36.873	ng	#	89
88) Benzo(b)fluoranthene	15.116	252	936023	39.712	ng	#	93
89) Benzo(k)fluoranthene	15.145	252	846633m	38.493	ng		
90) Benzo(a)pyrene	15.486	252	804366	38.633	ng	#	95
91) Dibenzo(a,h)anthracene	17.074	278	726969	36.184	ng	#	93
92) Benzo(g,h,i)perylene	17.521	276	731626	37.768	ng	#	88

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

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