Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
Data File : BF131710.D
Acq On : 20 Dec 2022 13:34
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 21 02:11:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 02:06:48 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	97440	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	344417	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	195286	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	373786	20.000	ng	0.00
76) Chrysene-d12	14.062	240	209964	20.000	ng	0.00
86) Perylene-d12	15.556	264	180563	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	460165	78.786	ng	0.00
7) Phenol-d6	6.504	99	613682	80.179	ng	0.00
23) Nitrobenzene-d5	7.439	82	685174	75.212	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	175293	80.792	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1153052	74.447	ng	0.00
79) Terphenyl-d14	13.004	244	1214441	79.323	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.598	88	108770	41.258	ng	100
3) Pyridine	3.351	79	311753	42.592	ng	100
4) n-Nitrosodimethylamine	3.328	42	141960	35.167	ng	100
6) Aniline	6.534	93	384356	41.989	ng	100
8) 2-Chlorophenol	6.651	128	245594	39.678	ng	100
9) Benzaldehyde	6.416	77	176103	33.586	ng	100
10) Phenol	6.516	94	369337	43.261	ng	100
11) bis(2-Chloroethyl)ether	6.604	93	267866	41.856	ng	100
12) 1,3-Dichlorobenzene	6.804	146	278583	38.820	ng	100
13) 1,4-Dichlorobenzene	6.886	146	282409	39.015	ng	100
14) 1,2-Dichlorobenzene	7.039	146	261593	37.832	ng	100
15) Benzyl Alcohol	7.016	79	276397	39.390	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	333748	40.372	ng	100
17) 2-Methylphenol	7.128	107	231996	41.589	ng	100
18) Hexachloroethane	7.381	117	112118	38.397	ng	100
19) n-Nitroso-di-n-propyla...	7.292	70	220958	38.500	ng	100
20) 3+4-Methylphenols	7.281	107	298320	39.263	ng	100
22) Acetophenone	7.286	105	399539	37.018	ng	100
24) Nitrobenzene	7.463	77	348677	37.948	ng	100
25) Isophorone	7.698	82	571563	38.951	ng	100
26) 2-Nitrophenol	7.775	139	136013	43.409	ng	100
27) 2,4-Dimethylphenol	7.810	122	190724	39.713	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	305532	40.250	ng	100
29) 2,4-Dichlorophenol	8.016	162	231486	38.982	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	274059	37.633	ng	100
31) Naphthalene	8.180	128	746732	38.494	ng	100
32) Benzoic acid	7.945	122	164542m	47.308	ng	
33) 4-Chloroaniline	8.233	127	292286	40.197	ng	100
34) Hexachlorobutadiene	8.292	225	182680	35.594	ng	100
35) Caprolactam	8.622	113	69088	44.976	ng	100
36) 4-Chloro-3-methylphenol	8.716	107	264090	39.605	ng	100
37) 2-Methylnaphthalene	8.875	142	504802	38.051	ng	100
38) 1-Methylnaphthalene	8.975	142	488010	38.319	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	282883	39.131	ng	100
41) Hexachlorocyclopentadiene	9.022	237	134877	36.758	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	184390	41.238	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	201188	41.838	ng	100
46) 1,1'-Biphenyl	9.339	154	618610	40.064	ng	100
47) 2-Chloronaphthalene	9.369	162	507570	40.348	ng	100
48) 2-Nitroaniline	9.469	65	181246	40.672	ng	100
49) Acenaphthylene	9.786	152	753751	40.807	ng	100
50) Dimethylphthalate	9.645	163	600445	40.334	ng	100
51) 2,6-Dinitrotoluene	9.710	165	132303	43.048	ng	100
52) Acenaphthene	9.957	154	459945	37.170	ng	100
53) 3-Nitroaniline	9.880	138	135306	45.886	ng	100
54) 2,4-Dinitrophenol	9.986	184	79868	51.771	ng	100
55) Dibenzofuran	10.127	168	699580	40.013	ng	100
56) 4-Nitrophenol	10.039	139	98269	47.972	ng	100
57) 2,4-Dinitrotoluene	10.116	165	173502	42.557	ng	100
58) Fluorene	10.474	166	562797	39.596	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	166150m	40.802	ng	
60) Diethylphthalate	10.345	149	572625	40.083	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	295239	37.587	ng	100
62) 4-Nitroaniline	10.504	138	134121	45.899	ng	100
63) Azobenzene	10.627	77	634491	38.940	ng	100
65) 4,6-Dinitro-2-methylph...	10.522	198	108452	45.809	ng	100
66) n-Nitrosodiphenylamine	10.586	169	469717	38.870	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	180503	37.538	ng	100
68) Hexachlorobenzene	11.016	284	197898	38.049	ng	100
69) Atrazine	11.116	200	158026	41.180	ng	100
70) Pentachlorophenol	11.216	266	108566	40.546	ng	100
71) Phenanthrene	11.439	178	809252	38.842	ng	100
72) Anthracene	11.492	178	794490	39.195	ng	100
73) Carbazole	11.651	167	677461	40.946	ng	100
74) Di-n-butylphthalate	11.974	149	826281	40.707	ng	100
75) Fluoranthene	12.633	202	879993	41.018	ng	100
77) Benzidine	12.757	184	158597	28.191	ng	100
78) Pyrene	12.863	202	872283	42.132	ng	100
80) Butylbenzylphthalate	13.480	149	291770	48.697	ng	100
81) Benzo(a)anthracene	14.057	228	639061	42.147	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	169494	39.289	ng	100
83) Chrysene	14.092	228	600797	41.678	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	334211	46.069	ng	100
85) Di-n-octyl phthalate	14.657	149	458101	37.486	ng	100
87) Indeno(1,2,3-cd)pyrene	17.068	276	531560	36.073	ng	100
88) Benzo(b)fluoranthene	15.121	252	485940	40.833	ng	100
89) Benzo(k)fluoranthene	15.151	252	480737	38.702	ng	100
90) Benzo(a)pyrene	15.492	252	403854	39.765	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	439838	36.267	ng	100
92) Benzo(g,h,i)perylene	17.533	276	435699	35.746	ng	100

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

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