Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082024\
Data File : BF139085.D
Acq On : 20 Aug 2024 20:41
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Aug 21 01:18:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 21 01:09:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	119131	20.000	ng		0.00
21) Naphthalene-d8	8.187	136	419100	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	242021	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	432963	20.000	ng		0.00
76) Chrysene-d12	14.063	240	228726	20.000	ng		0.00
86) Perylene-d12	15.533	264	226925	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1105550	142.776	ng		0.00
7) Phenol-d6	6.534	99	1446661	144.590	ng		0.01
23) Nitrobenzene-d5	7.475	82	1303808	181.276	ng		0.01
42) 2,4,6-Tribromophenol	10.733	330	377555	172.322	ng		0.01
45) 2-Fluorobiphenyl	9.263	172	2161810	141.721	ng		0.00
79) Terphenyl-d14	13.010	244	2367017	171.715	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	249247	75.048	ng		100
3) Pyridine	3.452	79	613455	72.688	ng		99
4) n-Nitrosodimethylamine	3.428	42	369181	72.413	ng		98
6) Aniline	6.610	93	546130m	60.464	ng		
8) 2-Chlorophenol	6.692	128	534146	71.719	ng		98
10) Phenol	6.551	94	728874	70.014	ng		93
11) bis(2-Chloroethyl)ether	6.645	93	697210m	83.597	ng		
12) 1,3-Dichlorobenzene	6.845	146	637378	71.179	ng		100
13) 1,4-Dichlorobenzene	6.922	146	638746	71.344	ng		99
14) 1,2-Dichlorobenzene	7.075	146	588472	71.918	ng		99
15) Benzyl Alcohol	7.045	79	582213	73.626	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	818208	69.379	ng		98
17) 2-Methylphenol	7.151	107	471441	73.991	ng		98
18) Hexachloroethane	7.416	117	230618	73.457	ng		97
19) n-Nitroso-di-n-propyla...	7.328	70	457650	69.653	ng		98
20) 3+4-Methylphenols	7.310	107	584824	70.843	ng	#	90
22) Acetophenone	7.316	105	805429	75.267	ng	#	91
24) Nitrobenzene	7.492	77	692449	86.615	ng		99
25) Isophorone	7.728	82	1183760	77.435	ng		99
26) 2-Nitrophenol	7.798	139	241979	82.278	ng		98
27) 2,4-Dimethylphenol	7.834	122	369357	76.193	ng		99
28) bis(2-Chloroethoxy)met...	7.939	93	665625	74.518	ng		100
29) 2,4-Dichlorophenol	8.039	162	469669	77.769	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	526689	74.479	ng		99
31) Naphthalene	8.210	128	1571455	73.993	ng		100
32) Benzoic acid	7.987	122	358794m	80.763	ng		
33) 4-Chloroaniline	8.269	127	560781	77.099	ng		100
34) Hexachlorobutadiene	8.322	225	349276	75.609	ng		99
35) Caprolactam	8.651	113	152988	79.912	ng		95
36) 4-Chloro-3-methylphenol	8.734	107	524285	78.405	ng		99
37) 2-Methylnaphthalene	8.898	142	988647	72.575	ng		99
38) 1-Methylnaphthalene	8.998	142	976866	74.301	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	509728	79.265	ng		99
41) Hexachlorocyclopentadiene	9.045	237	207241	81.380	ng		100
43) 2,4,6-Trichlorophenol	9.169	196	339303	75.883	ng		99
44) 2,4,5-Trichlorophenol	9.210	196	367371	80.042	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.363	154	1245232	75.109	ng		99
47) 2-Chloronaphthalene	9.386	162	1004510	74.569	ng		99
48) 2-Nitroaniline	9.481	65	334286	82.036	ng		99
49) Acenaphthylene	9.804	152	1443121	74.784	ng		100
50) Dimethylphthalate	9.669	163	1145946	76.696	ng		100
51) 2,6-Dinitrotoluene	9.728	165	250261	80.164	ng		97
52) Acenaphthene	9.975	154	969490	76.056	ng		99
53) 3-Nitroaniline	9.898	138	254287	80.737	ng	#	98
54) 2,4-Dinitrophenol	9.998	184	103715	79.421	ng	#	52
55) Dibenzofuran	10.145	168	1373209	74.168	ng		99
56) 4-Nitrophenol	10.045	139	203843	90.256	ng		99
57) 2,4-Dinitrotoluene	10.128	165	320658	81.030	ng		97
58) Fluorene	10.486	166	1079992	72.990	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	298788	81.079	ng		98
60) Diethylphthalate	10.369	149	1133466	76.563	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	536572	72.609	ng		99
62) 4-Nitroaniline	10.516	138	253076	79.854	ng		99
63) Azobenzene	10.639	77	1230472	74.792	ng		98
65) 4,6-Dinitro-2-methylph...	10.539	198	149962	79.254	ng		94
66) n-Nitrosodiphenylamine	10.604	169	935624	73.033	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	346464	75.518	ng		99
68) Hexachlorobenzene	11.033	284	375376	76.266	ng		98
69) Atrazine	11.128	200	262373	67.059	ng		100
70) Pentachlorophenol	11.222	266	261340	83.122	ng		97
71) Phenanthrene	11.451	178	1575520	71.593	ng		99
72) Anthracene	11.504	178	1555583	72.279	ng		99
73) Carbazole	11.657	167	1425898	70.952	ng		99
74) Di-n-butylphthalate	11.986	149	1674782	71.871	ng		99
75) Fluoranthene	12.633	202	1641350	69.879	ng		99
77) Benzidine	12.757	184	387111	81.935	ng		100
78) Pyrene	12.869	202	1631942	85.498	ng		100
80) Butylbenzylphthalate	13.486	149	577513	87.455	ng		99
81) Benzo(a)anthracene	14.051	228	1118794	74.410	ng		100
82) 3,3'-Dichlorobenzidine	14.016	252	285587	67.953	ng		99
83) Chrysene	14.092	228	1056171	77.498	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	720000	82.244	ng		99
85) Di-n-octyl phthalate	14.663	149	974053	79.275	ng		100
87) Indeno(1,2,3-cd)pyrene	17.027	276	1190369	89.630	ng		100
88) Benzo(b)fluoranthene	15.104	252	1055284	71.332	ng		99
89) Benzo(k)fluoranthene	15.139	252	920339	74.693	ng		99
90) Benzo(a)pyrene	15.474	252	898664	76.876	ng		100
91) Dibenzo(a,h)anthracene	17.057	278	972287	89.184	ng		99
92) Benzo(g,h,i)perylene	17.486	276	999240	78.348	ng		99

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

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