Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082024\
Data File : BF139080.D
Acq On : 20 Aug 2024 18:10
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Aug 21 01:12:35 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	120878	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	439938	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	254047	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	449729	20.000	ng		0.00
76) Chrysene-d12	14.057	240	349929	20.000	ng		0.00
86) Perylene-d12	15.533	264	289853	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	158933	20.229	ng		0.00
7) Phenol-d6	6.510	99	205306	20.223	ng		-0.01
23) Nitrobenzene-d5	7.451	82	126500	16.755	ng		-0.01
42) 2,4,6-Tribromophenol	10.716	330	44220	19.227	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	340797	21.284	ng		0.00
79) Terphenyl-d14	13.004	244	392262	18.600	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	34983	10.381	ng		97
3) Pyridine	3.446	79	88797	10.369	ng		99
4) n-Nitrosodimethylamine	3.387	42	48609	9.397	ng	#	99
6) Aniline	6.551	93	93551	10.208	ng		98
8) 2-Chlorophenol	6.675	128	75799	10.030	ng		98
9) Benzaldehyde	6.445	77	71464	12.003	ng		97
10) Phenol	6.522	94	108342	10.257	ng		96
11) bis(2-Chloroethyl)ether	6.628	93	79970	9.450	ng		99
12) 1,3-Dichlorobenzene	6.834	146	92646	10.197	ng		100
13) 1,4-Dichlorobenzene	6.916	146	94298	10.380	ng		97
14) 1,2-Dichlorobenzene	7.063	146	88171	10.620	ng		98
15) Benzyl Alcohol	7.028	79	79329	9.887	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	119381	9.977	ng		99
17) 2-Methylphenol	7.134	107	65643	10.154	ng		99
18) Hexachloroethane	7.410	117	30325	9.520	ng		94
19) n-Nitroso-di-n-propyla...	7.298	70	62767	9.415	ng		97
20) 3+4-Methylphenols	7.286	107	85673	10.228	ng	#	86
22) Acetophenone	7.298	105	116284	10.352	ng		98
24) Nitrobenzene	7.475	77	73631	8.774	ng		97
25) Isophorone	7.710	82	164616	10.258	ng		100
26) 2-Nitrophenol	7.792	139	16519	10.580	ng		99
27) 2,4-Dimethylphenol	7.822	122	49848	9.796	ng		98
28) bis(2-Chloroethoxy)met...	7.922	93	96318	10.272	ng		99
29) 2,4-Dichlorophenol	8.028	162	63731	10.053	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	76944	10.365	ng		99
31) Naphthalene	8.198	128	233610	10.479	ng		99
32) Benzoic acid	7.886	122	21916	12.912	ng		92
33) 4-Chloroaniline	8.245	127	78102	10.229	ng		99
34) Hexachlorobutadiene	8.316	225	51211	10.561	ng		99
35) Caprolactam	8.581	113	19994	9.949	ng		98
36) 4-Chloro-3-methylphenol	8.716	107	69035	9.835	ng		97
37) 2-Methylnaphthalene	8.886	142	149152	10.430	ng		99
38) 1-Methylnaphthalene	8.986	142	145582	10.549	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	75584	8.585	ng		99
41) Hexachlorocyclopentadiene	9.045	237	24349	9.109	ng		96
43) 2,4,6-Trichlorophenol	9.163	196	46215	9.846	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	45634	9.472	ng		99
46) 1,1'-Biphenyl	9.351	154	187807	10.792	ng		99
47) 2-Chloronaphthalene	9.375	162	147954	10.463	ng		99
48) 2-Nitroaniline	9.469	65	21571	10.352	ng		99
49) Acenaphthylene	9.792	152	211674	10.450	ng		99
50) Dimethylphthalate	9.651	163	162672	10.372	ng		99
51) 2,6-Dinitrotoluene	9.710	165	18731	9.911	ng		99
52) Acenaphthene	9.963	154	136622	10.211	ng		99
53) 3-Nitroaniline	9.875	138	19146	9.666	ng	#	90
54) 2,4-Dinitrophenol	9.975	184	4613	10.995	ng	#	1
55) Dibenzofuran	10.133	168	205829	10.591	ng		98
56) 4-Nitrophenol	10.022	139	16588	6.997	ng		96
57) 2,4-Dinitrotoluene	10.110	165	21006	10.256	ng		99
58) Fluorene	10.480	166	162549	10.466	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	37698	9.745	ng		99
60) Diethylphthalate	10.351	149	157093	10.109	ng		100
61) 4-Chlorophenyl-phenyle...	10.475	204	81606	10.520	ng		95
62) 4-Nitroaniline	10.480	138	20891	9.698	ng		91
63) Azobenzene	10.633	77	175015	10.134	ng		99
65) 4,6-Dinitro-2-methylph...	10.510	198	6992	11.000	ng		93
66) n-Nitrosodiphenylamine	10.586	169	136277	10.241	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	48816	10.244	ng		99
68) Hexachlorobenzene	11.022	284	51493	10.072	ng		99
69) Atrazine	11.110	200	44507	10.951	ng		99
70) Pentachlorophenol	11.216	266	29356	8.989	ng		98
71) Phenanthrene	11.439	178	236801	10.359	ng		99
72) Anthracene	11.492	178	233155	10.430	ng		99
73) Carbazole	11.645	167	215667	10.331	ng		99
74) Di-n-butylphthalate	11.980	149	242115	10.003	ng		99
75) Fluoranthene	12.627	202	260569	10.680	ng		99
77) Benzidine	12.751	184	63248	8.750	ng		99
78) Pyrene	12.857	202	261625	8.959	ng		99
80) Butylbenzylphthalate	13.480	149	86951	8.607	ng		99
81) Benzo(a)anthracene	14.045	228	235019	10.217	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	73276	11.396	ng		99
83) Chrysene	14.080	228	217764	10.444	ng		98
84) Bis(2-ethylhexyl)phtha...	14.045	149	125777	9.391	ng		99
85) Di-n-octyl phthalate	14.662	149	183724	9.774	ng		100
87) Indeno(1,2,3-cd)pyrene	16.998	276	126465	7.455	ng		99
88) Benzo(b)fluoranthene	15.092	252	201640	10.671	ng		99
89) Benzo(k)fluoranthene	15.121	252	176757	11.231	ng		99
90) Benzo(a)pyrene	15.462	252	154721	10.362	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	104872	7.531	ng		98
92) Benzo(g,h,i)perylene	17.445	276	103295	8.909	ng		98

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

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