Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052323\
Data File : BF133458.D
Acq On : 23 May 2023 15:14
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 24 02:37:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 24 02:24:49 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	145845	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	496735	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	224587	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	411547	20.000	ng		0.00
76) Chrysene-d12	14.016	240	277519	20.000	ng		0.00
86) Perylene-d12	15.468	264	288829	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	1198836	134.366	ng		0.00
7) Phenol-d6	6.481	99	1437723	134.045	ng		0.02
23) Nitrobenzene-d5	7.422	82	1295034	180.243	ng		0.01
42) 2,4,6-Tribromophenol	10.675	330	327680	157.946	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1947877	122.025	ng		0.00
79) Terphenyl-d14	12.963	244	2027511	139.682	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	283405	70.170	ng		99
3) Pyridine	3.322	79	810480	76.218	ng		99
4) n-Nitrosodimethylamine	3.293	42	464443	76.511	ng		97
6) Aniline	6.522	93	1023554	69.828	ng		98
8) 2-Chlorophenol	6.634	128	588048	66.444	ng		96
10) Phenol	6.493	94	735237	67.036	ng		89
11) bis(2-Chloroethyl)ether	6.593	93	606647	67.768	ng		100
12) 1,3-Dichlorobenzene	6.787	146	636728	65.916	ng		96
13) 1,4-Dichlorobenzene	6.863	146	638746	66.038	ng		98
14) 1,2-Dichlorobenzene	7.022	146	558650	62.542	ng		99
15) Benzyl Alcohol	6.992	79	561038	69.124	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	1159660	68.460	ng		99
17) 2-Methylphenol	7.092	107	558422	69.197	ng		100
18) Hexachloroethane	7.363	117	239372	72.626	ng		94
19) n-Nitroso-di-n-propyla...	7.275	70	465459	69.343	ng		97
20) 3+4-Methylphenols	7.257	107	598590	61.281	ng	#	82
22) Acetophenone	7.263	105	756830	64.927	ng	#	84
24) Nitrobenzene	7.440	77	660352	83.142	ng		99
25) Isophorone	7.675	82	1259478	74.496	ng		98
26) 2-Nitrophenol	7.745	139	287024	81.774	ng	#	87
27) 2,4-Dimethylphenol	7.787	122	515631	71.358	ng		98
28) bis(2-Chloroethoxy)met...	7.887	93	694577	69.540	ng		99
29) 2,4-Dichlorophenol	7.987	162	484761	73.985	ng		97
30) 1,2,4-Trichlorobenzene	8.069	180	495468	69.537	ng		98
31) Naphthalene	8.157	128	1612330	66.080	ng		99
32) Benzoic acid	7.928	122	360985m	79.043	ng		
33) 4-Chloroaniline	8.204	127	702826	68.752	ng		98
34) Hexachlorobutadiene	8.269	225	307841	71.088	ng		99
35) Caprolactam	8.598	113	157761m	79.275	ng		
36) 4-Chloro-3-methylphenol	8.681	107	534096	75.330	ng		98
37) 2-Methylnaphthalene	8.845	142	1078550	65.938	ng		100
38) 1-Methylnaphthalene	8.945	142	1011818	66.385	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	462718	67.790	ng		98
41) Hexachlorocyclopentadiene	8.998	237	288263	88.548	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	323110	77.086	ng		98
44) 2,4,5-Trichlorophenol	9.151	196	372173	76.768	ng	#	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.310	154	1244982	66.093	ng		99
47) 2-Chloronaphthalene	9.334	162	918642	67.984	ng		98
48) 2-Nitroaniline	9.428	65	335160	80.205	ng		100
49) Acenaphthylene	9.751	152	1559451	67.935	ng		100
50) Dimethylphthalate	9.616	163	1091941	71.215	ng		99
51) 2,6-Dinitrotoluene	9.675	165	240568	79.824	ng		84
52) Acenaphthene	9.922	154	956567	69.401	ng		97
53) 3-Nitroaniline	9.845	138	294135	78.957	ng		98
54) 2,4-Dinitrophenol	9.939	184	92717	79.455	ng	#	87
55) Dibenzofuran	10.092	168	1376642	66.920	ng		97
56) 4-Nitrophenol	9.992	139	232864	79.609	ng		86
57) 2,4-Dinitrotoluene	10.075	165	293579	80.008	ng		95
58) Fluorene	10.433	166	960502	64.689	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	275546	76.601	ng		99
60) Diethylphthalate	10.316	149	1114611	71.703	ng		98
61) 4-Chlorophenyl-phenyle...	10.428	204	457351	65.123	ng		99
62) 4-Nitroaniline	10.463	138	288723	79.354	ng		97
63) Azobenzene	10.592	77	1134052	70.535	ng		99
65) 4,6-Dinitro-2-methylph...	10.480	198	128188	79.112	ng		92
66) n-Nitrosodiphenylamine	10.551	169	933148	68.768	ng		98
67) 4-Bromophenyl-phenylether	10.916	248	299461	69.384	ng	#	92
68) Hexachlorobenzene	10.980	284	318999	70.435	ng		97
69) Atrazine	11.075	200	244023	70.264	ng		99
70) Pentachlorophenol	11.169	266	223704	87.028	ng		99
71) Phenanthrene	11.398	178	1416688	66.481	ng		99
72) Anthracene	11.451	178	1462004	67.252	ng		99
73) Carbazole	11.604	167	1417654	68.836	ng		98
74) Di-n-butylphthalate	11.939	149	1618820	73.261	ng		99
75) Fluoranthene	12.586	202	1601434	69.797	ng		98
77) Benzidine	12.704	184	422439	63.882	ng		98
78) Pyrene	12.816	202	1640596	72.524	ng		99
80) Butylbenzylphthalate	13.439	149	702776	80.197	ng		94
81) Benzo(a)anthracene	14.004	228	1309042	69.485	ng		100
82) 3,3'-Dichlorobenzidine	13.969	252	409106	76.522	ng		99
83) Chrysene	14.045	228	1374568	71.859	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	815341	79.859	ng		99
85) Di-n-octyl phthalate	14.616	149	1591509	85.686	ng		99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1539698	78.706	ng		99
88) Benzo(b)fluoranthene	15.051	252	1349854	75.197	ng		100
89) Benzo(k)fluoranthene	15.080	252	1289619	73.927	ng		99
90) Benzo(a)pyrene	15.415	252	1267140	74.921	ng		99
91) Dibenzo(a,h)anthracene	16.957	278	1227628	77.050	ng		98
92) Benzo(g,h,i)perylene	17.386	276	1289577	80.123	ng		99

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

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