Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022324\
Data File : BF137368.D
Acq On : 23 Feb 2024 11:30
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 24 04:11:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 24 04:02:17 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	177791	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	739743	20.000	ng		0.00
39) Acenaphthene-d10	9.833	164	433770	20.000	ng		0.00
64) Phenanthrene-d10	11.321	188	772632	20.000	ng		0.00
76) Chrysene-d12	13.974	240	544309	20.000	ng		0.00
86) Perylene-d12	15.462	264	375358	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	224123	19.451	ng		0.00
7) Phenol-d6	6.428	99	354451	20.912	ng		-0.01
23) Nitrobenzene-d5	7.357	82	291670	19.684	ng		0.00
42) 2,4,6-Tribromophenol	10.621	330	73610	19.488	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	632107	22.687	ng		0.00
79) Terphenyl-d14	12.915	244	757873	19.475	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.557	88	63440	10.051	ng		100
3) Pyridine	3.328	79	126083m	9.480	ng		
4) n-Nitrosodimethylamine	3.287	42	33891m	9.993	ng		
6) Aniline	6.463	93	193372	9.620	ng		95
8) 2-Chlorophenol	6.581	128	128519	10.399	ng		96
9) Benzaldehyde	6.357	77	78335	9.600	ng		96
10) Phenol	6.439	94	189362	10.208	ng		99
11) bis(2-Chloroethyl)ether	6.534	93	150663	11.178	ng		97
12) 1,3-Dichlorobenzene	6.739	146	137494	10.360	ng		99
13) 1,4-Dichlorobenzene	6.816	146	143996	10.538	ng		100
14) 1,2-Dichlorobenzene	6.969	146	136879	10.830	ng		97
15) Benzyl Alcohol	6.939	79	92751	9.180	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.075	45	231145	10.317	ng		98
17) 2-Methylphenol	7.051	107	114682	9.808	ng		98
18) Hexachloroethane	7.304	117	49538	10.521	ng		93
19) n-Nitroso-di-n-propyla...	7.204	70	110964	10.624	ng		96
20) 3+4-Methylphenols	7.204	107	145268	10.900	ng	#	77
22) Acetophenone	7.204	105	195228	10.883	ng	#	93
24) Nitrobenzene	7.375	77	142134	9.440	ng		94
25) Isophorone	7.610	82	312117	10.186	ng		98
26) 2-Nitrophenol	7.698	139	39373	9.332	ng		98
27) 2,4-Dimethylphenol	7.733	122	111562	9.900	ng		96
28) bis(2-Chloroethoxy)met...	7.828	93	173967	9.850	ng		99
29) 2,4-Dichlorophenol	7.933	162	104075	9.854	ng		98
30) 1,2,4-Trichlorobenzene	8.016	180	118705	10.471	ng		99
31) Naphthalene	8.098	128	426992	10.756	ng		99
32) Benzoic acid	7.810	122	40432m	11.982	ng		
33) 4-Chloroaniline	8.151	127	148263	9.820	ng		98
34) Hexachlorobutadiene	8.216	225	69632	10.339	ng		98
35) Caprolactam	8.486	113	30275	9.292	ng	#	89
36) 4-Chloro-3-methylphenol	8.627	107	119876	10.011	ng		100
37) 2-Methylnaphthalene	8.786	142	277895	10.864	ng		100
38) 1-Methylnaphthalene	8.886	142	266708	11.028	ng		98
40) 1,2,4,5-Tetrachloroben...	8.951	216	121123	10.138	ng		98
41) Hexachlorocyclopentadiene	8.939	237	40258	7.432	ng		96
43) 2,4,6-Trichlorophenol	9.069	196	75539	9.752	ng		96

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44)	2,4,5-Trichlorophenol	9.104	196	82044	9.232	ng		96
46)	1,1'-Biphenyl	9.251	154	336686	10.657	ng		100
47)	2-Chloronaphthalene	9.274	162	250471	10.498	ng		99
48)	2-Nitroaniline	9.380	65	44048	9.784	ng		97
49)	Acenaphthylene	9.692	152	419499	10.822	ng		98
50)	Dimethylphthalate	9.551	163	315212	10.516	ng		99
51)	2,6-Dinitrotoluene	9.616	165	50482	9.053	ng	#	81
52)	Acenaphthene	9.863	154	248264	10.729	ng		100
53)	3-Nitroaniline	9.792	138	46946m	9.425	ng		
54)	2,4-Dinitrophenol	9.898	184	10986	11.446	ng		92
55)	Dibenzofuran	10.039	168	392140	10.965	ng		99
56)	4-Nitrophenol	9.957	139	25280	9.867	ng		87
57)	2,4-Dinitrotoluene	10.022	165	58156	9.130	ng		99
58)	Fluorene	10.380	166	307029	11.241	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.157	232	74281m	10.043	ng		
60)	Diethylphthalate	10.257	149	294042	10.507	ng		99
61)	4-Chlorophenyl-phenyle...	10.374	204	152222	11.330	ng		99
62)	4-Nitroaniline	10.404	138	46809m	8.749	ng		
63)	Azobenzene	10.533	77	356607	10.651	ng		97
65)	4,6-Dinitro-2-methylph...	10.427	198	24816	10.458	ng		96
66)	n-Nitrosodiphenylamine	10.492	169	263969	10.520	ng		99
67)	4-Bromophenyl-phenylether	10.869	248	83657	10.072	ng		94
68)	Hexachlorobenzene	10.927	284	85709	9.975	ng		98
69)	Atrazine	11.021	200	64694	9.553	ng		95
70)	Pentachlorophenol	11.127	266	49683	9.126	ng		97
71)	Phenanthrene	11.345	178	466911	10.953	ng		98
72)	Anthracene	11.398	178	475519	10.824	ng		99
73)	Carbazole	11.557	167	396710	10.569	ng		98
74)	Di-n-butylphthalate	11.898	149	350905	9.343	ng		98
75)	Fluoranthene	12.539	202	459668	11.047	ng		100
77)	Benzidine	12.680	184	43269m	10.998	ng		
78)	Pyrene	12.768	202	482703	9.379	ng		99
80)	Butylbenzylphthalate	13.404	149	35352	9.744	ng		96
81)	Benzo(a)anthracene	13.962	228	378960	10.033	ng		100
82)	3,3'-Dichlorobenzidine	13.939	252	56005m	10.728	ng		
83)	Chrysene	14.004	228	388063	10.058	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.968	149	49212	9.781	ng		99
85)	Di-n-octyl phthalate	14.586	149	62590	11.052	ng	#	88
87)	Indeno(1,2,3-cd)pyrene	16.956	276	185640	8.735	ng		100
88)	Benzo(b)fluoranthene	15.021	252	235115	10.211	ng		99
89)	Benzo(k)fluoranthene	15.051	252	252870	10.485	ng		99
90)	Benzo(a)pyrene	15.398	252	206686	9.463	ng		99
91)	Dibenzo(a,h)anthracene	16.986	278	149964	8.346	ng		100
92)	Benzo(g,h,i)perylene	17.403	276	153147	8.725	ng		97

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

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