Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060524\
Data File : BF138123.D
Acq On : 05 Jun 2024 15:09
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 06 05:16:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 05:05:25 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.910	152	399873	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	1522496	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	863925	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	1540959	20.000	ng		0.00
76) Chrysene-d12	14.074	240	748556	20.000	ng	#	0.00
86) Perylene-d12	15.551	264	695467	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	2751581	117.271	ng		0.00
7) Phenol-d6	6.539	99	3452687	116.304	ng		0.00
23) Nitrobenzene-d5	7.481	82	3067538	137.083	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	1057982	127.250	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	5293938	107.147	ng		0.00
79) Terphenyl-d14	13.021	244	5941949	118.730	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	637736	59.303	ng		99
3) Pyridine	3.481	79	1572110	59.662	ng		98
4) n-Nitrosodimethylamine	3.457	42	766029	59.217	ng		92
6) Aniline	6.575	93	1796928	59.699	ng		99
8) 2-Chlorophenol	6.698	128	1504617	59.274	ng		98
9) Benzaldehyde	6.463	77	815374	61.094	ng		96
10) Phenol	6.551	94	1795453m	58.867	ng		
11) bis(2-Chloroethyl)ether	6.651	93	1415310	57.885	ng		99
12) 1,3-Dichlorobenzene	6.851	146	1688553	58.057	ng		99
13) 1,4-Dichlorobenzene	6.928	146	1697753	57.961	ng		99
14) 1,2-Dichlorobenzene	7.081	146	1585609	57.668	ng		99
15) Benzyl Alcohol	7.051	79	1247963	59.412	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.186	45	2076328	57.845	ng		98
17) 2-Methylphenol	7.157	107	1220942	59.425	ng		97
18) Hexachloroethane	7.422	117	608455	60.860	ng		98
19) n-Nitroso-di-n-propyla...	7.333	70	1086201	57.382	ng		97
20) 3+4-Methylphenols	7.316	107	1475383	57.709	ng		96
22) Acetophenone	7.322	105	1971979	56.262	ng	#	93
24) Nitrobenzene	7.498	77	1590891	65.262	ng		98
25) Isophorone	7.733	82	2891881	58.661	ng		99
26) 2-Nitrophenol	7.810	139	700631	62.654	ng		93
27) 2,4-Dimethylphenol	7.839	122	1050662	61.356	ng		98
28) bis(2-Chloroethoxy)met...	7.945	93	1772058	59.012	ng		99
29) 2,4-Dichlorophenol	8.045	162	1293201	62.659	ng		99
30) 1,2,4-Trichlorobenzene	8.133	180	1473277	59.161	ng		99
31) Naphthalene	8.216	128	4140079	56.220	ng		97
32) Benzoic acid	7.980	122	921476	62.406	ng		99
33) 4-Chloroaniline	8.263	127	1603660	57.943	ng		98
34) Hexachlorobutadiene	8.328	225	861844	58.895	ng		100
35) Caprolactam	8.651	113	431072m	62.545	ng		
36) 4-Chloro-3-methylphenol	8.739	107	1307473	61.820	ng		99
37) 2-Methylnaphthalene	8.904	142	2840016	57.209	ng		100
38) 1-Methylnaphthalene	9.004	142	2762956	56.844	ng		100
40) 1,2,4,5-Tetrachloroben...	9.069	216	1426217	58.473	ng		99
41) Hexachlorocyclopentadiene	9.057	237	550495	68.368	ng		99
43) 2,4,6-Trichlorophenol	9.180	196	952287	64.304	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	1052640	64.507	ng	98
46) 1,1'-Biphenyl	9.369	154	3396199	55.965	ng	97
47) 2-Chloronaphthalene	9.398	162	2759390	57.058	ng	99
48) 2-Nitroaniline	9.486	65	767491	62.280	ng	96
49) Acenaphthylene	9.810	152	3920383	57.285	ng	97
50) Dimethylphthalate	9.675	163	3159898	58.210	ng	99
51) 2,6-Dinitrotoluene	9.733	165	750359	62.577	ng	95
52) Acenaphthene	9.986	154	2650984	57.329	ng	99
53) 3-Nitroaniline	9.904	138	755115	63.049	ng	98
54) 2,4-Dinitrophenol	10.004	184	249832	63.679	ng	97
55) Dibenzofuran	10.157	168	3686707	56.367	ng	99
56) 4-Nitrophenol	10.051	139	591367	71.624	ng	97
57) 2,4-Dinitrotoluene	10.133	165	932963	64.993	ng	96
58) Fluorene	10.498	166	2822059	54.322	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.269	232	838653	65.157	ng	99
60) Diethylphthalate	10.374	149	3041345	57.392	ng	98
61) 4-Chlorophenyl-phenyle...	10.492	204	1442582	54.659	ng	99
62) 4-Nitroaniline	10.522	138	722849	71.339	ng	97
63) Azobenzene	10.651	77	2918642	57.182	ng	96
65) 4,6-Dinitro-2-methylph...	10.539	198	400386	62.355	ng	99
66) n-Nitrosodiphenylamine	10.610	169	2628235	57.115	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	1030288	58.720	ng	96
68) Hexachlorobenzene	11.039	284	1191149	58.395	ng	94
69) Atrazine	11.139	200	846852	57.199	ng	98
70) Pentachlorophenol	11.233	266	769780	70.497	ng	99
71) Phenanthrene	11.463	178	4009810	54.053	ng	99
72) Anthracene	11.510	178	4146665	56.045	ng	98
73) Carbazole	11.663	167	3791116	56.029	ng	98
74) Di-n-butylphthalate	11.998	149	4373289	54.987	ng	99
75) Fluoranthene	12.645	202	4313312	53.889	ng	97
77) Benzidine	12.763	184	792726	102.910	ng	97
78) Pyrene	12.874	202	4363210	64.451	ng	100
80) Butylbenzylphthalate	13.498	149	1587512	71.015	ng	92
81) Benzo(a)anthracene	14.062	228	2758352	58.406	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	776699	64.886	ng	98
83) Chrysene	14.098	228	2712795	59.853	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	2021417	62.066	ng	100
85) Di-n-octyl phthalate	14.674	149	2859949	63.794	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	2472410	64.041	ng	100
88) Benzo(b)fluoranthene	15.115	252	2557462	58.495	ng	99
89) Benzo(k)fluoranthene	15.151	252	2277921	54.635	ng	99
90) Benzo(a)pyrene	15.492	252	2049322	61.891	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	1969260	63.724	ng	99
92) Benzo(g,h,i)perylene	17.503	276	2072250	64.782	ng	99

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

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