Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060524\
Data File : BF138124.D
Acq On : 05 Jun 2024 16:07
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 06 05:17:30 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 :
SSTDICC080

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	486575	20.000	ng		0.00
21) Naphthalene-d8	8.198	136	1857811	20.000	ng		0.00
39) Acenaphthene-d10	9.951	164	1026193	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	1683353	20.000	ng		0.00
76) Chrysene-d12	14.074	240	756231	20.000	ng		0.00
86) Perylene-d12	15.551	264	740226	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	3979554	139.385	ng		0.00
7) Phenol-d6	6.551	99	5055509	139.951	ng		0.02
23) Nitrobenzene-d5	7.486	82	4655526	170.496	ng		0.01
42) 2,4,6-Tribromophenol	10.745	330	1449328	146.756	ng		0.01
45) 2-Fluorobiphenyl	9.275	172	7064554	120.374	ng		0.00
79) Terphenyl-d14	13.027	244	7011744	138.684	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	973830	74.420	ng		98
3) Pyridine	3.516	79	2440597	76.117	ng		97
4) n-Nitrosodimethylamine	3.498	42	1169376	74.290	ng		91
6) Aniline	6.592	93	2712089	74.047	ng		100
8) 2-Chlorophenol	6.704	128	2180421	70.592	ng		98
9) Benzaldehyde	6.463	77	1227470	78.426	ng		97
10) Phenol	6.563	94	2637429	71.064	ng		91
11) bis(2-Chloroethyl)ether	6.657	93	2118897	71.219	ng		99
12) 1,3-Dichlorobenzene	6.857	146	2460894	69.535	ng		98
13) 1,4-Dichlorobenzene	6.934	146	2446168	68.630	ng		99
14) 1,2-Dichlorobenzene	7.086	146	2191519	65.502	ng		98
15) Benzyl Alcohol	7.057	79	1746781	68.341	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.192	45	3096722	70.900	ng		96
17) 2-Methylphenol	7.163	107	1884053	75.360	ng		98
18) Hexachloroethane	7.428	117	897669	73.790	ng		94
19) n-Nitroso-di-n-propyla...	7.345	70	1653034	71.766	ng		96
20) 3+4-Methylphenols	7.328	107	2010560	64.629	ng	#	86
22) Acetophenone	7.333	105	2799341	65.452	ng	#	94
24) Nitrobenzene	7.504	77	2443790	82.156	ng		98
25) Isophorone	7.745	82	4519869	75.136	ng		98
26) 2-Nitrophenol	7.810	139	1169975	78.892	ng		98
27) 2,4-Dimethylphenol	7.851	122	1633047	78.154	ng		99
28) bis(2-Chloroethoxy)met...	7.951	93	2616853	71.416	ng		97
29) 2,4-Dichlorophenol	8.051	162	1981949	78.699	ng		99
30) 1,2,4-Trichlorobenzene	8.133	180	2171537	71.462	ng		98
31) Naphthalene	8.222	128	5672240	63.124	ng		94
32) Benzoic acid	8.016	122	1605736	79.113	ng		99
33) 4-Chloroaniline	8.269	127	2427755	71.886	ng		99
34) Hexachlorobutadiene	8.333	225	1257875	70.443	ng		99
35) Caprolactam	8.675	113	711576m	84.610	ng		
36) 4-Chloro-3-methylphenol	8.751	107	1966615	76.203	ng		97
37) 2-Methylnaphthalene	8.910	142	3891373	64.240	ng		98
38) 1-Methylnaphthalene	9.010	142	3825237	64.494	ng		99
40) 1,2,4,5-Tetrachloroben...	9.069	216	2048659	70.711	ng		99
41) Hexachlorocyclopentadiene	9.057	237	802660	83.922	ng		99
43) 2,4,6-Trichlorophenol	9.180	196	1462382	83.134	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	1549687	79.950	ng	99
46) 1,1'-Biphenyl	9.375	154	4571088	63.415	ng	95
47) 2-Chloronaphthalene	9.398	162	3889853	67.714	ng	97
48) 2-Nitroaniline	9.492	65	1182383	79.352	ng	97
49) Acenaphthylene	9.816	152	5372341	66.087	ng	95
50) Dimethylphthalate	9.686	163	4463434	69.222	ng	98
51) 2,6-Dinitrotoluene	9.739	165	1134985	78.756	ng	97
52) Acenaphthene	9.986	154	3722421	67.771	ng	99
53) 3-Nitroaniline	9.910	138	1126534	78.433	ng	99
54) 2,4-Dinitrophenol	10.010	184	420415	78.723	ng	99
55) Dibenzofuran	10.157	168	5012817	64.523	ng	95
56) 4-Nitrophenol	10.063	139	841267	85.779	ng	98
57) 2,4-Dinitrotoluene	10.145	165	1318993	76.634	ng	91
58) Fluorene	10.504	166	3643071	59.037	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.274	232	1209765	79.128	ng	99
60) Diethylphthalate	10.380	149	4128607	65.590	ng	97
61) 4-Chlorophenyl-phenyle...	10.492	204	1927742	61.492	ng	97
62) 4-Nitroaniline	10.533	138	1009234	83.853	ng	97
63) Azobenzene	10.657	77	3952294	65.189	ng	93
65) 4,6-Dinitro-2-methylph...	10.551	198	619543	79.109	ng	93
66) n-Nitrosodiphenylamine	10.616	169	3591247	71.441	ng	97
67) 4-Bromophenyl-phenylether	10.986	248	1440361	75.148	ng	91
68) Hexachlorobenzene	11.045	284	1635417	73.393	ng	95
69) Atrazine	11.145	200	1162685	71.889	ng	99
70) Pentachlorophenol	11.233	266	1080492	90.582	ng	99
71) Phenanthrene	11.463	178	5272277	65.060	ng	96
72) Anthracene	11.516	178	5247374	64.922	ng	94
73) Carbazole	11.668	167	4884206	66.078	ng	96
74) Di-n-butylphthalate	11.998	149	5518026	63.512	ng	97
75) Fluoranthene	12.651	202	5268891	60.259	ng	96
77) Benzidine	12.763	184	239303	30.751	ng	96
78) Pyrene	12.880	202	5294773	77.418	ng	96
80) Butylbenzylphthalate	13.498	149	1981952	87.760	ng	96
81) Benzo(a)anthracene	14.062	228	3348099	70.174	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	912690	75.473	ng	98
83) Chrysene	14.104	228	3411164	74.497	ng	97
84) Bis(2-ethylhexyl)phtha...	14.057	149	2485217	75.532	ng	99
85) Di-n-octyl phthalate	14.674	149	3712170	81.964	ng	100
87) Indeno(1,2,3-cd)pyrene	17.050	276	3242719	78.106	ng	99
88) Benzo(b)fluoranthene	15.121	252	3348194	71.950	ng	99
89) Benzo(k)fluoranthene	15.151	252	3147034	70.917	ng	96
90) Benzo(a)pyrene	15.492	252	2772464	78.668	ng	97
91) Dibenzo(a,h)anthracene	17.074	278	2610027	78.455	ng	99
92) Benzo(g,h,i)perylene	17.509	276	2634879	76.810	ng	99

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

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