Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139965.D
Acq On : 23 Oct 2024 15:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 23 16:12:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	159858	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	611382	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	340124	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	597021	20.000	ng	0.00
76) Chrysene-d12	14.057	240	306092	20.000	ng	0.00
86) Perylene-d12	15.533	264	358871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	788397	77.208	ng	0.00
7) Phenol-d6	6.510	99	1009467	76.328	ng	0.00
23) Nitrobenzene-d5	7.451	82	905794	82.113	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	278197	87.444	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1590284	77.274	ng	0.00
79) Terphenyl-d14	12.998	244	1502801	80.002	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	185845	39.035	ng	95
3) Pyridine	3.434	79	459716	38.955	ng	97
4) n-Nitrosodimethylamine	3.381	42	230654	36.378	ng	95
6) Aniline	6.551	93	475331	38.564	ng	98
8) 2-Chlorophenol	6.675	128	412600	39.524	ng	99
9) Benzaldehyde	6.440	77	300182	40.347	ng	98
10) Phenol	6.528	94	531818m	39.005	ng	
11) bis(2-Chloroethyl)ether	6.628	93	406978	38.618	ng	99
12) 1,3-Dichlorobenzene	6.834	146	472163	39.402	ng	98
13) 1,4-Dichlorobenzene	6.910	146	474523	39.636	ng	99
14) 1,2-Dichlorobenzene	7.063	146	442180	39.574	ng	99
15) Benzyl Alcohol	7.028	79	367781	37.910	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	645310	35.911	ng	97
17) 2-Methylphenol	7.134	107	351315	39.467	ng	99
18) Hexachloroethane	7.404	117	169360	39.670	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	293648	36.609	ng	96
20) 3+4-Methylphenols	7.287	107	443838	38.982	ng	100
22) Acetophenone	7.298	105	571315	38.152	ng	97
24) Nitrobenzene	7.475	77	478277	39.545	ng	97
25) Isophorone	7.710	82	795494	37.995	ng	100
26) 2-Nitrophenol	7.787	139	213698	46.836	ng	95
27) 2,4-Dimethylphenol	7.816	122	292012	38.382	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	485228	38.252	ng	99
29) 2,4-Dichlorophenol	8.022	162	346373	39.971	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	379629	39.591	ng	99
31) Naphthalene	8.198	128	1236297	39.208	ng	100
32) Benzoic acid	7.922	122	295264	44.497	ng	96
33) 4-Chloroaniline	8.239	127	415421	38.637	ng	98
34) Hexachlorobutadiene	8.310	225	243614	40.436	ng	99
35) Caprolactam	8.610	113	112811	40.942	ng	91
36) 4-Chloro-3-methylphenol	8.716	107	376721	39.260	ng	97
37) 2-Methylnaphthalene	8.886	142	755327	39.114	ng	100
38) 1-Methylnaphthalene	8.986	142	735901	38.841	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	367476	40.047	ng	99
41) Hexachlorocyclopentadiene	9.039	237	131046	41.044	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	259164	39.893	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	282398	42.132	ng		97
46) 1,1'-Biphenyl	9.351	154	919167	38.820	ng		99
47) 2-Chloronaphthalene	9.375	162	746122	39.125	ng		100
48) 2-Nitroaniline	9.463	65	251224	43.073	ng		96
49) Acenaphthylene	9.792	152	1080134	39.178	ng		99
50) Dimethylphthalate	9.651	163	833862	39.360	ng		100
51) 2,6-Dinitrotoluene	9.710	165	196730	42.888	ng		94
52) Acenaphthene	9.963	154	714969	40.088	ng		99
53) 3-Nitroaniline	9.875	138	198559	41.975	ng		97
54) 2,4-Dinitrophenol	9.981	184	94482	52.057	ng	#	1
55) Dibenzofuran	10.133	168	991506	38.748	ng		99
56) 4-Nitrophenol	10.022	139	155364	42.690	ng		98
57) 2,4-Dinitrotoluene	10.110	165	257878	45.716	ng		96
58) Fluorene	10.475	166	760625	39.027	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	220241	41.916	ng		96
60) Diethylphthalate	10.345	149	823444	39.586	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	390596	39.685	ng		97
62) 4-Nitroaniline	10.486	138	190350	42.606	ng		97
63) Azobenzene	10.628	77	834020	37.820	ng		97
65) 4,6-Dinitro-2-methylph...	10.516	198	133203	54.698	ng		94
66) n-Nitrosodiphenylamine	10.586	169	696657	38.988	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	251419	40.878	ng		98
68) Hexachlorobenzene	11.022	284	279424	40.396	ng		99
69) Atrazine	11.110	200	198207	40.949	ng		99
70) Pentachlorophenol	11.216	266	187195	44.591	ng		99
71) Phenanthrene	11.439	178	1098645	38.958	ng		99
72) Anthracene	11.492	178	1067309	38.790	ng		100
73) Carbazole	11.645	167	973648	38.049	ng		99
74) Di-n-butylphthalate	11.975	149	1141943	38.625	ng		100
75) Fluoranthene	12.627	202	1066456	37.408	ng		99
77) Benzidine	12.745	184	315575	62.699	ng		100
78) Pyrene	12.857	202	1059713	39.552	ng		100
80) Butylbenzylphthalate	13.474	149	330514	41.146	ng		99
81) Benzo(a)anthracene	14.045	228	791290	39.712	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	273674	47.107	ng		99
83) Chrysene	14.080	228	708425	38.777	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	407600	45.227	ng		100
85) Di-n-octyl phthalate	14.645	149	733157	44.726	ng		97
87) Indeno(1,2,3-cd)pyrene	17.027	276	918984	39.805	ng		98
88) Benzo(b)fluoranthene	15.098	252	777166	35.551	ng		100
89) Benzo(k)fluoranthene	15.127	252	752337	39.905	ng		99
90) Benzo(a)pyrene	15.468	252	702054	39.029	ng		99
91) Dibenzo(a,h)anthracene	17.051	278	760841	39.504	ng		98
92) Benzo(g,h,i)perylene	17.480	276	756017	39.298	ng		100

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

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