Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
Data File : BF139927.D
Acq On : 22 Oct 2024 14:28
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 22 14:55:05 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 :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	169434	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	628861	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	340877	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	576195	20.000	ng	0.00
76) Chrysene-d12	14.051	240	272427	20.000	ng	0.00
86) Perylene-d12	15.533	264	340524	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	838903	77.511	ng	0.00
7) Phenol-d6	6.510	99	1063943	75.900	ng	0.00
23) Nitrobenzene-d5	7.451	82	947718	83.526	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	274276	86.022	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1638873	79.459	ng	0.00
79) Terphenyl-d14	12.998	244	1382323	82.682	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.658	88	189974	37.647	ng	96
3) Pyridine	3.428	79	475369	38.005	ng	98
4) n-Nitrosodimethylamine	3.375	42	247041	36.761	ng	99
6) Aniline	6.557	93	502045	38.429	ng	98
8) 2-Chlorophenol	6.675	128	436183	39.422	ng	100
9) Benzaldehyde	6.440	77	324199	41.112	ng	99
10) Phenol	6.528	94	555529m	38.441	ng	
11) bis(2-Chloroethyl)ether	6.628	93	431014	38.587	ng	99
12) 1,3-Dichlorobenzene	6.834	146	498447	39.244	ng	99
13) 1,4-Dichlorobenzene	6.910	146	500537	39.446	ng	99
14) 1,2-Dichlorobenzene	7.063	146	465761	39.329	ng	99
15) Benzyl Alcohol	7.028	79	393531	38.272	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	708262	37.186	ng	99
17) 2-Methylphenol	7.134	107	362428	38.414	ng	100
18) Hexachloroethane	7.404	117	179977	39.774	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	316358	37.211	ng	98
20) 3+4-Methylphenols	7.287	107	463128	38.378	ng	98
22) Acetophenone	7.298	105	595699	38.675	ng	99
24) Nitrobenzene	7.475	77	504935	40.589	ng	98
25) Isophorone	7.710	82	827301	38.416	ng	99
26) 2-Nitrophenol	7.787	139	224110	47.753	ng	97
27) 2,4-Dimethylphenol	7.816	122	305033	38.979	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	510973	39.162	ng	100
29) 2,4-Dichlorophenol	8.028	162	359008	40.277	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	403971	40.959	ng	99
31) Naphthalene	8.198	128	1278754	39.428	ng	100
32) Benzoic acid	7.922	122	296735	43.475	ng	98
33) 4-Chloroaniline	8.239	127	434948	39.329	ng	99
34) Hexachlorobutadiene	8.316	225	257175	41.500	ng	100
35) Caprolactam	8.610	113	107774	38.027	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	385163	39.024	ng	97
37) 2-Methylnaphthalene	8.886	142	786050	39.573	ng	100
38) 1-Methylnaphthalene	8.986	142	770716	39.548	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	380030	41.324	ng	99
41) Hexachlorocyclopentadiene	9.039	237	148115	46.288	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	269749	41.430	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	288478	42.944	ng		97
46) 1,1'-Biphenyl	9.351	154	962207	40.548	ng		100
47) 2-Chloronaphthalene	9.375	162	777191	40.664	ng		99
48) 2-Nitroaniline	9.469	65	250791	42.904	ng		92
49) Acenaphthylene	9.792	152	1109171	40.142	ng		100
50) Dimethylphthalate	9.651	163	838437	39.488	ng		100
51) 2,6-Dinitrotoluene	9.710	165	197329	42.923	ng		96
52) Acenaphthene	9.963	154	726834	40.664	ng		99
53) 3-Nitroaniline	9.875	138	195560	41.250	ng		98
54) 2,4-Dinitrophenol	9.981	184	90213	49.904	ng	#	2
55) Dibenzofuran	10.133	168	1022078	39.854	ng		99
56) 4-Nitrophenol	10.022	139	151806	41.620	ng		99
57) 2,4-Dinitrotoluene	10.110	165	254584	45.032	ng		97
58) Fluorene	10.481	166	761265	38.973	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	218559	41.504	ng		97
60) Diethylphthalate	10.351	149	807640	38.741	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	395251	40.069	ng		98
62) 4-Nitroaniline	10.486	138	182487	40.756	ng		96
63) Azobenzene	10.628	77	842674	38.128	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	128598	54.716	ng		93
66) n-Nitrosodiphenylamine	10.586	169	689056	39.956	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	249054	41.957	ng		95
68) Hexachlorobenzene	11.028	284	274913	41.180	ng		95
69) Atrazine	11.110	200	179047	38.327	ng		99
70) Pentachlorophenol	11.216	266	184808	45.613	ng		99
71) Phenanthrene	11.439	178	1065463	39.147	ng		100
72) Anthracene	11.492	178	1055100	39.732	ng		100
73) Carbazole	11.645	167	933027	37.779	ng		99
74) Di-n-butylphthalate	11.975	149	1059052	37.116	ng		100
75) Fluoranthene	12.627	202	1007765	36.627	ng		99
77) Benzidine	12.745	184	321761	71.828	ng		99
78) Pyrene	12.857	202	1009031	42.314	ng		100
80) Butylbenzylphthalate	13.474	149	293771	41.091	ng		99
81) Benzo(a)anthracene	14.045	228	709829	40.026	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	246362	47.646	ng		99
83) Chrysene	14.080	228	635621	39.091	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	377843	47.106	ng		99
85) Di-n-octyl phthalate	14.645	149	714675	48.986	ng		98
87) Indeno(1,2,3-cd)pyrene	17.027	276	978527	44.668	ng		98
88) Benzo(b)fluoranthene	15.098	252	836843	40.343	ng		100
89) Benzo(k)fluoranthene	15.127	252	612231	34.223	ng		100
90) Benzo(a)pyrene	15.468	252	686191	40.203	ng		100
91) Dibenzo(a,h)anthracene	17.051	278	808047	44.216	ng		99
92) Benzo(g,h,i)perylene	17.486	276	825853	45.241	ng		98

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

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