Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
Data File : BF140443.D
Acq On : 18 Nov 2024 10:13
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 18 11:37:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	140634	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	521097	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	286394	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	525142	20.000	ng		0.00
76) Chrysene-d12	14.074	240	270046	20.000	ng		0.02
86) Perylene-d12	15.604	264	249102	20.000	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	638319	77.496	ng		0.01
7) Phenol-d6	6.516	99	843012	75.542	ng		0.01
23) Nitrobenzene-d5	7.439	82	785385	78.528	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	225738	79.263	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1408678	79.070	ng		0.00
79) Terphenyl-d14	12.986	244	1406133	90.383	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	143292	39.032	ng		96
3) Pyridine	3.399	79	348471	38.611	ng		100
4) n-Nitrosodimethylamine	3.352	42	168851	37.018	ng		99
6) Aniline	6.540	93	363861	37.481	ng	#	64
8) 2-Chlorophenol	6.669	128	343150	38.783	ng		97
9) Benzaldehyde	6.428	77	215292	32.189	ng		98
10) Phenol	6.528	94	441884	37.548	ng		86
11) bis(2-Chloroethyl)ether	6.610	93	341224	38.266	ng		99
12) 1,3-Dichlorobenzene	6.816	146	379613	38.886	ng		98
13) 1,4-Dichlorobenzene	6.892	146	386525	39.048	ng		100
14) 1,2-Dichlorobenzene	7.045	146	364040	39.615	ng		99
15) Benzyl Alcohol	7.016	79	310961	38.676	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	453386	36.810	ng		69
17) 2-Methylphenol	7.134	107	278345	38.242	ng		96
18) Hexachloroethane	7.387	117	145087	39.647	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	244923	36.339	ng		99
20) 3+4-Methylphenols	7.287	107	340790	37.439	ng		91
22) Acetophenone	7.281	105	470620	38.831	ng		99
24) Nitrobenzene	7.457	77	407121	39.097	ng		99
25) Isophorone	7.692	82	675586	38.114	ng		99
26) 2-Nitrophenol	7.775	139	187633	40.605	ng		99
27) 2,4-Dimethylphenol	7.810	122	232626m	39.322	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	421232	38.756	ng		100
29) 2,4-Dichlorophenol	8.022	162	291413	39.858	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	324307	39.841	ng		100
31) Naphthalene	8.181	128	1041653	39.405	ng		100
32) Benzoic acid	7.934	122	208320	40.018	ng		97
33) 4-Chloroaniline	8.228	127	337655	36.729	ng		98
34) Hexachlorobutadiene	8.292	225	211977	40.872	ng		100
35) Caprolactam	8.598	113	91546	37.673	ng		95
36) 4-Chloro-3-methylphenol	8.710	107	315617	38.954	ng		100
37) 2-Methylnaphthalene	8.869	142	669201	39.481	ng		99
38) 1-Methylnaphthalene	8.969	142	645996	38.919	ng		100
40) 1,2,4,5-Tetrachloroben...	9.034	216	320662	40.489	ng		100
41) Hexachlorocyclopentadiene	9.016	237	72545	35.676	ng		100
43) 2,4,6-Trichlorophenol	9.151	196	211418	40.677	ng		99

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44) 2,4,5-Trichlorophenol	9.198	196	224161	39.448	ng	98
46) 1,1'-Biphenyl	9.334	154	829809	39.827	ng	100
47) 2-Chloronaphthalene	9.357	162	626357	39.465	ng	98
48) 2-Nitroaniline	9.457	65	202579	38.487	ng	100
49) Acenaphthylene	9.775	152	941266	39.198	ng	100
50) Dimethylphthalate	9.633	163	732412	39.235	ng	99
51) 2,6-Dinitrotoluene	9.698	165	168580	39.613	ng	98
52) Acenaphthene	9.945	154	643806	39.694	ng	100
53) 3-Nitroaniline	9.869	138	172098	38.507	ng	99
54) 2,4-Dinitrophenol	9.981	184	80840	36.836	ng	95
55) Dibenzofuran	10.122	168	903341	39.344	ng	100
56) 4-Nitrophenol	10.039	139	114271	35.053	ng	98
57) 2,4-Dinitrotoluene	10.104	165	221225	39.498	ng	100
58) Fluorene	10.463	166	706184	38.934	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	173421	38.651	ng	99
60) Diethylphthalate	10.333	149	739883	38.761	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	360602	40.270	ng	98
62) 4-Nitroaniline	10.480	138	171365	37.500	ng	99
63) Azobenzene	10.616	77	728065	38.603	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	119536	42.308	ng	94
66) n-Nitrosodiphenylamine	10.575	169	611089	40.274	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	211737	40.336	ng	99
68) Hexachlorobenzene	11.010	284	241253	40.847	ng	100
69) Atrazine	11.098	200	158192	34.460	ng	99
70) Pentachlorophenol	11.210	266	119881	37.680	ng	99
71) Phenanthrene	11.427	178	957984	38.834	ng	100
72) Anthracene	11.480	178	954854	39.494	ng	99
73) Carbazole	11.633	167	923126	38.669	ng	100
74) Di-n-butylphthalate	11.957	149	1129667	39.427	ng	100
75) Fluoranthene	12.616	202	1044851	37.753	ng	100
77) Benzidine	12.739	184	326503	31.502	ng	99
78) Pyrene	12.851	202	1042297	45.123	ng	100
80) Butylbenzylphthalate	13.463	149	391627	44.135	ng	98
81) Benzo(a)anthracene	14.063	228	711153	40.069	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	215430	38.189	ng	99
83) Chrysene	14.098	228	645188	39.842	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	492062	41.545	ng	99
85) Di-n-octyl phthalate	14.698	149	645377	38.689	ng	99
87) Indeno(1,2,3-cd)pyrene	17.121	276	686446	44.610	ng	100
88) Benzo(b)fluoranthene	15.163	252	611733	37.541	ng	99
89) Benzo(k)fluoranthene	15.192	252	484925	36.428	ng	99
90) Benzo(a)pyrene	15.539	252	503863	39.818	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	571350	44.920	ng	100
92) Benzo(g,h,i)perylene	17.580	276	582904	44.827	ng	100

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

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