Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139502.D
Acq On : 20 Sep 2024 15:26
Operator : RC/JU
Sample : P4126-01MS 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 20 16:17:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	84914	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	297564	20.000	ng	#	0.00
39) Acenaphthene-d10	9.916	164	134257	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	214374	20.000	ng	#	0.00
76) Chrysene-d12	14.039	240	122209	20.000	ng		0.00
86) Perylene-d12	15.510	264	98834	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	263301	50.585	ng		0.00
7) Phenol-d6	6.510	99	349674	51.181	ng		0.00
23) Nitrobenzene-d5	7.440	82	225904	35.690	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	64609	45.202	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	381121	39.814	ng		0.00
79) Terphenyl-d14	12.980	244	321757	43.215	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	33698	16.136	ng		98
3) Pyridine	3.422	79	74742	16.233	ng		98
4) n-Nitrosodimethylamine	3.363	42	70333	17.624	ng		88
6) Aniline	6.587	93	22629m	4.389	ng		
8) 2-Chlorophenol	6.663	128	109863	20.504	ng		98
9) Benzaldehyde	6.428	77	18368	4.653	ng		99
10) Phenol	6.522	94	137754	19.797	ng		92
11) bis(2-Chloroethyl)ether	6.610	93	111443m	21.072	ng		
12) 1,3-Dichlorobenzene	6.816	146	116514	19.121	ng		98
13) 1,4-Dichlorobenzene	6.893	146	117431	19.070	ng		100
14) 1,2-Dichlorobenzene	7.045	146	111672	19.192	ng		97
15) Benzyl Alcohol	7.016	79	77098	14.144	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.151	45	190330	23.351	ng		99
17) 2-Methylphenol	7.134	107	86613	20.346	ng		98
18) Hexachloroethane	7.387	117	41097	17.522	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	81436	20.114	ng		99
20) 3+4-Methylphenols	7.287	107	110868	19.089	ng	#	86
22) Acetophenone	7.281	105	154091	19.808	ng		98
24) Nitrobenzene	7.457	77	126492	19.417	ng		98
25) Isophorone	7.692	82	213541	21.332	ng		99
26) 2-Nitrophenol	7.775	139	55072	21.699	ng		90
27) 2,4-Dimethylphenol	7.810	122	85679m	25.592	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	125163	21.939	ng		98
29) 2,4-Dichlorophenol	8.022	162	85727	20.156	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	93617	18.891	ng		99
31) Naphthalene	8.181	128	315284	20.296	ng		100
32) Benzoic acid	7.898	122	37111	11.845	ng		91
33) 4-Chloroaniline	8.275	127	59049	12.425	ng		98
34) Hexachlorobutadiene	8.298	225	62248	18.489	ng		99
35) Caprolactam	8.581	113	25398	19.413	ng		97
36) 4-Chloro-3-methylphenol	8.716	107	83612	17.202	ng		96
37) 2-Methylnaphthalene	8.869	142	195036	19.780	ng		98
38) 1-Methylnaphthalene	8.969	142	180367	18.632	ng		98
40) 1,2,4,5-Tetrachloroben...	9.034	216	88764	22.308	ng		98
41) Hexachlorocyclopentadiene	9.022	237	51581	37.128	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	55752	21.537	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	54626	20.005	ng		97
46) 1,1'-Biphenyl	9.334	154	226888	21.967	ng		99
47) 2-Chloronaphthalene	9.357	162	162107	20.991	ng		99
48) 2-Nitroaniline	9.457	65	59814	20.823	ng		99
49) Acenaphthylene	9.775	152	259481	22.321	ng		99
50) Dimethylphthalate	9.634	163	192230	21.815	ng		99
51) 2,6-Dinitrotoluene	9.692	165	38621	19.784	ng		98
52) Acenaphthene	9.945	154	172282	21.234	ng		99
53) 3-Nitroaniline	9.869	138	34886	17.882	ng		93
54) 2,4-Dinitrophenol	9.975	184	19786	18.190	ng		88
55) Dibenzofuran	10.116	168	233583	20.655	ng		96
56) 4-Nitrophenol	10.028	139	55194	34.191	ng		87
57) 2,4-Dinitrotoluene	10.098	165	48761	18.502	ng		96
58) Fluorene	10.463	166	191479	20.752	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	41697	18.459	ng		94
60) Diethylphthalate	10.328	149	180222	19.819	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	84735	18.897	ng		97
62) 4-Nitroaniline	10.475	138	34778	16.334	ng		90
63) Azobenzene	10.610	77	192798	21.556	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	13034	11.520	ng		95
66) n-Nitrosodiphenylamine	10.569	169	144865	23.113	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	46837	22.047	ng		96
68) Hexachlorobenzene	11.004	284	50534	20.268	ng		98
69) Atrazine	11.098	200	41347	27.710	ng		97
70) Pentachlorophenol	11.204	266	55600	37.165	ng		99
71) Phenanthrene	11.422	178	351942	34.028	ng		99
72) Anthracene	11.475	178	262215	25.930	ng		99
73) Carbazole	11.633	167	223910	23.135	ng		98
74) Di-n-butylphthalate	11.957	149	240098	22.270	ng		99
75) Fluoranthene	12.610	202	406213	36.778	ng		99
77) Benzidine	12.745	184	16306m	9.313	ng		
78) Pyrene	12.839	202	413294	39.386	ng		99
80) Butylbenzylphthalate	13.457	149	96236	26.944	ng		97
81) Benzo(a)anthracene	14.027	228	234167	28.927	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	46800	19.741	ng		99
83) Chrysene	14.063	228	211663	28.421	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	113004	24.871	ng		100
85) Di-n-octyl phthalate	14.627	149	153922	23.003	ng		98
87) Indeno(1,2,3-cd)pyrene	16.986	276	135467	23.051	ng		98
88) Benzo(b)fluoranthene	15.080	252	167985	27.559	ng		99
89) Benzo(k)fluoranthene	15.104	252	134762m	23.978	ng		
90) Benzo(a)pyrene	15.445	252	144229	28.531	ng		98
91) Dibenzo(a,h)anthracene	17.004	278	98548	20.293	ng		98
92) Benzo(g,h,i)perylene	17.433	276	104555	21.745	ng	#	96

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

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