Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091424\
Data File : BP021922.D
Acq On : 14 Sep 2024 15:43
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 15 04:45:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 04:38:44 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.751	152	128403	20.000	ng		0.00
21) Naphthalene-d8	10.516	136	535712	20.000	ng		0.00
39) Acenaphthene-d10	14.357	164	569199	20.000	ng		-0.01
64) Phenanthrene-d10	17.151	188	1303984	20.000	ng		0.00
76) Chrysene-d12	21.586	240	1264448	20.000	ng		0.00
86) Perylene-d12	24.903	264	1474575	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	645737	72.613	ng		0.00
7) Phenol-d6	6.934	99	905609	75.255	ng		0.00
23) Nitrobenzene-d5	8.893	82	981792	83.026	ng		0.00
42) 2,4,6-Tribromophenol	15.869	330	730114	115.432	ng		0.00
45) 2-Fluorobiphenyl	12.969	172	2767946	79.982	ng		-0.01
79) Terphenyl-d14	19.874	244	6233693	105.286	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	190993	42.279	ng		100
3) Pyridine	3.699	79	572697m	49.070	ng		
4) n-Nitrosodimethylamine	3.605	42	237786	53.900	ng		99
6) Aniline	7.087	93	406219	38.549	ng		99
8) 2-Chlorophenol	7.322	128	363097	44.377	ng		99
9) Benzaldehyde	6.904	77	219267	34.464	ng		99
10) Phenol	6.957	94	450069	36.817	ng		92
11) bis(2-Chloroethyl)ether	7.181	93	343530	36.528	ng		99
12) 1,3-Dichlorobenzene	7.640	146	442129	46.639	ng		96
13) 1,4-Dichlorobenzene	7.787	146	440661	45.846	ng		99
14) 1,2-Dichlorobenzene	8.098	146	426789	44.468	ng		98
15) Benzyl Alcohol	7.987	79	356027	39.825	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.269	45	390003	40.286	ng		97
17) 2-Methylphenol	8.187	107	318883	36.914	ng		96
18) Hexachloroethane	8.816	117	164469	41.057	ng		97
19) n-Nitroso-di-n-propyla...	8.546	70	317268	42.125	ng		99
20) 3+4-Methylphenols	8.516	107	456682	38.369	ng		96
22) Acetophenone	8.563	105	622512	37.639	ng	#	98
24) Nitrobenzene	8.934	77	501422	42.776	ng		100
25) Isophorone	9.457	82	871514	42.462	ng		99
26) 2-Nitrophenol	9.634	139	221855	54.416	ng		99
27) 2,4-Dimethylphenol	9.698	122	263536	45.037	ng		98
28) bis(2-Chloroethoxy)met...	9.922	93	516462	38.730	ng		98
29) 2,4-Dichlorophenol	10.169	162	430261	56.535	ng		97
30) 1,2,4-Trichlorobenzene	10.375	180	486029	55.509	ng		97
31) Naphthalene	10.563	128	1292318	46.054	ng		100
32) Benzoic acid	9.857	122	325291	50.397	ng		96
33) 4-Chloroaniline	10.669	127	508170	49.369	ng		99
34) Hexachlorobutadiene	10.845	225	329067	60.547	ng		99
35) Caprolactam	11.463	113	147548	46.698	ng		96
36) 4-Chloro-3-methylphenol	11.798	107	501187	45.585	ng		99
37) 2-Methylnaphthalene	12.169	142	1016376	54.140	ng		99
38) 1-Methylnaphthalene	12.386	142	1011333	53.954	ng		100
40) 1,2,4,5-Tetrachloroben...	12.534	216	619901	42.183	ng		100
41) Hexachlorocyclopentadiene	12.516	237	223698	47.178	ng		98
43) 2,4,6-Trichlorophenol	12.781	196	429680	45.484	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	486257	44.272	ng	99
46) 1,1'-Biphenyl	13.181	154	1841030	46.370	ng	99
47) 2-Chloronaphthalene	13.222	162	1493608	48.396	ng	100
48) 2-Nitroaniline	13.428	65	444052	41.270	ng	99
49) Acenaphthylene	14.075	152	2206236	48.310	ng	100
50) Dimethylphthalate	13.816	163	1965250	50.150	ng	100
51) 2,6-Dinitrotoluene	13.922	165	458939	52.957	ng	98
52) Acenaphthene	14.416	154	1389475	47.059	ng	99
53) 3-Nitroaniline	14.251	138	431484	48.492	ng	96
54) 2,4-Dinitrophenol	14.469	184	253086	61.281	ng	99
55) Dibenzofuran	14.763	168	2318444	49.918	ng	100
56) 4-Nitrophenol	14.569	139	380650	49.322	ng	100
57) 2,4-Dinitrotoluene	14.728	165	639920	53.552	ng	99
58) Fluorene	15.422	166	1874538	48.973	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.986	232	559551	57.927	ng	100
60) Diethylphthalate	15.186	149	1968956	48.408	ng	99
61) 4-Chlorophenyl-phenyle...	15.416	204	1007063	54.256	ng	97
62) 4-Nitroaniline	15.439	138	462520	47.540	ng	96
63) Azobenzene	15.710	77	1777213	38.831	ng	97
65) 4,6-Dinitro-2-methylph...	15.504	198	369638	60.608	ng	100
66) n-Nitrosodiphenylamine	15.622	169	1655913	49.601	ng	99
67) 4-Bromophenyl-phenylether	16.322	248	643445	52.355	ng	99
68) Hexachlorobenzene	16.445	284	762272	51.930	ng	100
69) Atrazine	16.598	200	596319	60.902	ng	99
70) Pentachlorophenol	16.798	266	544446	58.005	ng	98
71) Phenanthrene	17.198	178	3012914	46.737	ng	100
72) Anthracene	17.280	178	2965400	47.238	ng	99
73) Carbazole	17.569	167	2939606	45.616	ng	100
74) Di-n-butylphthalate	18.157	149	3410792	47.856	ng	100
75) Fluoranthene	19.280	202	3980488	51.001	ng	99
77) Benzidine	19.474	184	1017848	58.410	ng	100
78) Pyrene	19.651	202	4154899	52.069	ng	99
80) Butylbenzylphthalate	20.610	149	1544752	47.040	ng	99
81) Benzo(a)anthracene	21.568	228	3981499	49.630	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	1395853	55.075	ng	99
83) Chrysene	21.639	228	3765358	48.757	ng	100
84) Bis(2-ethylhexyl)phtha...	21.498	149	2235879	47.555	ng	99
85) Di-n-octyl phthalate	22.762	149	3819952	49.348	ng	99
87) Indeno(1,2,3-cd)pyrene	28.662	276	4646555	50.116	ng	94
88) Benzo(b)fluoranthene	23.845	252	4328929	50.975	ng	99
89) Benzo(k)fluoranthene	23.921	252	4005317	48.648	ng	99
90) Benzo(a)pyrene	24.745	252	3705673	50.345	ng	99
91) Dibenzo(a,h)anthracene	28.739	278	3805795	49.657	ng	99
92) Benzo(g,h,i)perylene	29.821	276	4005576	49.823	ng	99

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

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