Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091024\
Data File : BP021874.D
Acq On : 10 Sep 2024 13:40
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Sep 10 16:43:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 16:24:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	173061	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	919012	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	608253	20.000	ng	0.00
64) Phenanthrene-d10	17.169	188	1334407	20.000	ng	0.00
76) Chrysene-d12	21.621	240	1335493	20.000	ng	0.00
86) Perylene-d12	24.957	264	1533133	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1246481	103.997	ng	0.00
7) Phenol-d6	6.940	99	1290197	79.548	ng	0.00
23) Nitrobenzene-d5	8.910	82	1703204	83.960	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	577491	85.440	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	3140987	84.934	ng	0.00
79) Terphenyl-d14	19.892	244	4165225	66.607	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	275304	45.217	ng	100
3) Pyridine	3.699	79	759309	48.182	ng	100
4) n-Nitrosodimethylamine	3.605	42	265562	44.663	ng	100
6) Aniline	7.099	93	568863	40.053	ng	100
8) 2-Chlorophenol	7.334	128	447343	40.565	ng	100
9) Benzaldehyde	6.910	77	342795	39.976	ng	100
10) Phenol	6.963	94	641618	38.942	ng	100
11) bis(2-Chloroethyl)ether	7.187	93	496254	39.151	ng	100
12) 1,3-Dichlorobenzene	7.657	146	509321	39.863	ng	100
13) 1,4-Dichlorobenzene	7.799	146	522830	40.359	ng	100
14) 1,2-Dichlorobenzene	8.110	146	636209	49.182	ng	100
15) Benzyl Alcohol	8.005	79	566089	46.982	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.281	45	660939	50.655	ng	100
17) 2-Methylphenol	8.205	107	588653	50.558	ng	100
18) Hexachloroethane	8.834	117	275214	50.974	ng	100
19) n-Nitroso-di-n-propyla...	8.557	70	525169	51.735	ng	100
20) 3+4-Methylphenols	8.528	107	823129	51.311	ng	100
22) Acetophenone	8.575	105	1125908	39.683	ng	100
24) Nitrobenzene	8.946	77	863679	42.950	ng	100
25) Isophorone	9.475	82	1501855	42.655	ng	100
26) 2-Nitrophenol	9.657	139	297519	42.538	ng	100
27) 2,4-Dimethylphenol	9.716	122	420525	41.892	ng	100
28) bis(2-Chloroethoxy)met...	9.951	93	966376	42.244	ng	100
29) 2,4-Dichlorophenol	10.193	162	552981	42.355	ng	100
30) 1,2,4-Trichlorobenzene	10.399	180	611333	40.699	ng	100
31) Naphthalene	10.587	128	1949057	40.488	ng	100
32) Benzoic acid	9.857	122	462916	41.539	ng	100
33) 4-Chloroaniline	10.693	127	752393	42.609	ng	100
34) Hexachlorobutadiene	10.875	225	375822	40.309	ng	100
35) Caprolactam	11.481	113	232415	42.866	ng	100
36) 4-Chloro-3-methylphenol	11.822	107	786866	41.719	ng	100
37) 2-Methylnaphthalene	12.193	142	1316459	40.877	ng	100
38) 1-Methylnaphthalene	12.416	142	1294616	40.261	ng	100
40) 1,2,4,5-Tetrachloroben...	12.563	216	671619	42.767	ng	100
41) Hexachlorocyclopentadiene	12.545	237	232764	45.938	ng	100
43) 2,4,6-Trichlorophenol	12.804	196	445782	44.158	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	516057	43.968	ng	100
46) 1,1'-Biphenyl	13.210	154	1744467	41.116	ng	100
47) 2-Chloronaphthalene	13.251	162	1349458	40.918	ng	100
48) 2-Nitroaniline	13.451	65	494338	42.994	ng	100
49) Acenaphthylene	14.104	152	2036294	41.726	ng	100
50) Dimethylphthalate	13.840	163	1703719	40.684	ng	100
51) 2,6-Dinitrotoluene	13.957	165	392614	42.395	ng	100
52) Acenaphthene	14.451	154	1309193	41.493	ng	100
53) 3-Nitroaniline	14.287	138	417097	43.866	ng	100
54) 2,4-Dinitrophenol	14.492	184	192522	43.623	ng	100
55) Dibenzofuran	14.787	168	2075592	41.820	ng	100
56) 4-Nitrophenol	14.610	139	366217	44.405	ng	100
57) 2,4-Dinitrotoluene	14.751	165	553734	43.364	ng	100
58) Fluorene	15.445	166	1686653	41.235	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	434081	42.061	ng	100
60) Diethylphthalate	15.216	149	1707601	39.287	ng	100
61) 4-Chlorophenyl-phenyle...	15.439	204	820593	41.371	ng	100
62) 4-Nitroaniline	15.457	138	446566	42.953	ng	100
63) Azobenzene	15.734	77	2058433	42.088	ng	100
65) 4,6-Dinitro-2-methylph...	15.522	198	279726	40.611	ng	100
66) n-Nitrosodiphenylamine	15.657	169	1461828	42.789	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	511525	40.672	ng	100
68) Hexachlorobenzene	16.463	284	606676	40.387	ng	100
69) Atrazine	16.628	200	358458	35.775	ng	100
70) Pentachlorophenol	16.816	266	419087	43.631	ng	100
71) Phenanthrene	17.216	178	2691674	40.802	ng	100
72) Anthracene	17.310	178	2665735	41.496	ng	100
73) Carbazole	17.586	167	2726867	41.350	ng	100
74) Di-n-butylphthalate	18.180	149	3119962	42.777	ng	100
75) Fluoranthene	19.298	202	3436233	43.024	ng	100
77) Benzidine	19.498	184	1125075	61.128	ng	100
78) Pyrene	19.674	202	2922204	34.673	ng	100
80) Butylbenzylphthalate	20.627	149	1503619	43.352	ng	100
81) Benzo(a)anthracene	21.598	228	3510373	41.429	ng	100
82) 3,3'-Dichlorobenzidine	21.516	252	1182002	44.157	ng	100
83) Chrysene	21.663	228	3343112	40.986	ng	100
84) Bis(2-ethylhexyl)phtha...	21.533	149	2125255	42.797	ng	100
85) Di-n-octyl phthalate	22.804	149	3546689	43.381	ng	100
87) Indeno(1,2,3-cd)pyrene	28.739	276	3971546	41.207	ng	100
88) Benzo(b)fluoranthene	23.898	252	3677607	41.652	ng	100
89) Benzo(k)fluoranthene	23.974	252	3548709	41.459	ng	100
90) Benzo(a)pyrene	24.798	252	3256672	42.555	ng	100
91) Dibenzo(a,h)anthracene	28.827	278	3282019	41.187	ng	100
92) Benzo(g,h,i)perylene	29.921	276	3449483	41.267	ng	100

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

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