Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
Data File : BP019466.D
Acq On : 29 Jan 2024 15:22
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 30 00:50:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 00:44:14 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	77813	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	310319	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	202385	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	421804	20.000	ng	0.00
76) Chrysene-d12	21.416	240	278701	20.000	ng	0.00
86) Perylene-d12	23.851	264	271001	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	373633	76.405	ng	0.00
7) Phenol-d6	7.099	99	532754	74.626	ng	0.00
23) Nitrobenzene-d5	9.105	82	578821	76.751	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	204878	73.887	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	1213804	77.222	ng	0.00
79) Terphenyl-d14	19.892	244	1610046	82.306	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	70967	38.654	ng	100
3) Pyridine	3.799	79	205163m	37.968	ng	
4) n-Nitrosodimethylamine	3.723	42	114799	38.565	ng	100
6) Aniline	7.264	93	264558	36.878	ng	100
8) 2-Chlorophenol	7.493	128	196042	37.451	ng	100
9) Benzaldehyde	7.081	77	148005	39.715	ng	100
10) Phenol	7.128	94	263290	37.315	ng	100
11) bis(2-Chloroethyl)ether	7.369	93	199583	36.776	ng	100
12) 1,3-Dichlorobenzene	7.816	146	231461	37.663	ng	100
13) 1,4-Dichlorobenzene	7.969	146	235493	37.659	ng	100
14) 1,2-Dichlorobenzene	8.281	146	226862	37.622	ng	100
15) Benzyl Alcohol	8.175	79	229793	36.772	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.475	45	271680	36.910	ng	100
17) 2-Methylphenol	8.375	107	176183	36.125	ng	100
18) Hexachloroethane	9.005	117	95583	38.111	ng	100
19) n-Nitroso-di-n-propyla...	8.752	70	192080	35.643	ng	100
20) 3+4-Methylphenols	8.711	107	245748	36.217	ng	100
22) Acetophenone	8.764	105	350860	37.708	ng	100
24) Nitrobenzene	9.146	77	290888	37.891	ng	100
25) Isophorone	9.669	82	520373	36.680	ng	100
26) 2-Nitrophenol	9.852	139	105326	39.244	ng	100
27) 2,4-Dimethylphenol	9.911	122	139522	37.853	ng	100
28) bis(2-Chloroethoxy)met...	10.158	93	281240	37.417	ng	100
29) 2,4-Dichlorophenol	10.381	162	200660	37.828	ng	100
30) 1,2,4-Trichlorobenzene	10.593	180	234687	38.063	ng	100
31) Naphthalene	10.781	128	648654	37.464	ng	100
32) Benzoic acid	10.058	122	140183	37.547	ng	100
33) 4-Chloroaniline	10.899	127	254388	37.291	ng	100
34) Hexachlorobutadiene	11.058	225	170961	38.254	ng	100
35) Caprolactam	11.693	113	67310	35.722	ng	100
36) 4-Chloro-3-methylphenol	12.022	107	247558	36.730	ng	100
37) 2-Methylnaphthalene	12.393	142	457588	36.872	ng	100
38) 1-Methylnaphthalene	12.610	142	451962	36.817	ng	100
40) 1,2,4,5-Tetrachloroben...	12.752	216	270651	39.119	ng	100
41) Hexachlorocyclopentadiene	12.722	237	126496	40.520	ng	100
43) 2,4,6-Trichlorophenol	12.999	196	173639	39.070	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	194073	38.876	ng	100
46) 1,1'-Biphenyl	13.404	154	598688	38.298	ng	100
47) 2-Chloronaphthalene	13.440	162	490177	38.599	ng	100
48) 2-Nitroaniline	13.652	65	171990	38.897	ng	100
49) Acenaphthylene	14.287	152	714111	37.985	ng	100
50) Dimethylphthalate	14.034	163	615533	37.167	ng	100
51) 2,6-Dinitrotoluene	14.157	165	136109	37.769	ng	100
52) Acenaphthene	14.628	154	442977	38.031	ng	100
53) 3-Nitroaniline	14.481	138	128606	37.490	ng	100
54) 2,4-Dinitrophenol	14.687	184	68299	35.992	ng	100
55) Dibenzofuran	14.963	168	721498	37.784	ng	100
56) 4-Nitrophenol	14.781	139	105647	37.704	ng	100
57) 2,4-Dinitrotoluene	14.940	165	182808	37.107	ng	100
58) Fluorene	15.616	166	585749	37.075	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.187	232	161714	37.367	ng	100
60) Diethylphthalate	15.404	149	631120	36.465	ng	100
61) 4-Chlorophenyl-phenyle...	15.616	204	317256	37.076	ng	100
62) 4-Nitroaniline	15.646	138	134889	36.753	ng	100
63) Azobenzene	15.910	77	652138	37.413	ng	100
65) 4,6-Dinitro-2-methylph...	15.698	198	93688	37.864	ng	100
66) n-Nitrosodiphenylamine	15.834	169	488269	38.721	ng	100
67) 4-Bromophenyl-phenylether	16.516	248	186944	38.624	ng	100
68) Hexachlorobenzene	16.610	284	214041	38.842	ng	100
69) Atrazine	16.793	200	171992	37.999	ng	100
70) Pentachlorophenol	16.963	266	143300	39.666	ng	100
71) Phenanthrene	17.363	178	854987	38.069	ng	100
72) Anthracene	17.457	178	863591	38.514	ng	100
73) Carbazole	17.734	167	782356	37.397	ng	100
74) Di-n-butylphthalate	18.292	149	953406	36.250	ng	100
75) Fluoranthene	19.334	202	967843	35.598	ng	100
77) Benzidine	19.522	184	214091	39.614	ng	100
78) Pyrene	19.686	202	977925	42.050	ng	100
80) Butylbenzylphthalate	20.581	149	333618	37.916	ng	100
81) Benzo(a)anthracene	21.404	228	765848	38.127	ng	100
82) 3,3'-Dichlorobenzidine	21.339	252	248190	36.751	ng	100
83) Chrysene	21.457	228	716030	38.215	ng	100
84) Bis(2-ethylhexyl)phtha...	21.351	149	437625	35.496	ng	100
85) Di-n-octyl phthalate	22.304	149	672527	34.541	ng	100
87) Indeno(1,2,3-cd)pyrene	26.404	276	774359	42.870	ng	100
88) Benzo(b)fluoranthene	23.110	252	656767	36.244	ng	100
89) Benzo(k)fluoranthene	23.163	252	640164	37.058	ng	100
90) Benzo(a)pyrene	23.745	252	583978	37.739	ng	100
91) Dibenzo(a,h)anthracene	26.433	278	635802	42.522	ng	100
92) Benzo(g,h,i)perylene	27.180	276	661336	44.431	ng	100

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

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