Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111222\
Data File : BP012617.D
Acq On : 12 Nov 2022 11:23
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 13 22:06:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 13 22:02:28 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	280860	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	1236261	20.000	ng		0.00
39) Acenaphthene-d10	14.375	164	835546	20.000	ng		0.00
64) Phenanthrene-d10	17.134	188	1822256	20.000	ng		-0.01
76) Chrysene-d12	21.239	240	1920071	20.000	ng		0.00
86) Perylene-d12	23.586	264	2011053	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	312089	19.497	ng		0.00
7) Phenol-d6	6.905	99	428362	18.099	ng		0.00
23) Nitrobenzene-d5	8.887	82	451611	19.120	ng		0.00
42) 2,4,6-Tribromophenol	15.875	330	220749	39.236	ng		-0.01
45) 2-Fluorobiphenyl	12.993	172	1191586	22.552	ng		0.00
79) Terphenyl-d14	19.710	244	1984424	23.764	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.199	88	68897	10.237	ng		99
3) Pyridine	3.611	79	190309	9.162	ng		99
4) n-Nitrosodimethylamine	3.522	42	70232	7.646	ng	#	98
6) Aniline	7.052	93	266618	9.056	ng		99
8) 2-Chlorophenol	7.281	128	197521	10.142	ng		98
9) Benzaldehyde	6.869	77	145656m	9.837	ng		
10) Phenol	6.928	94	240077	9.005	ng		99
11) bis(2-Chloroethyl)ether	7.152	93	205272	9.727	ng		99
12) 1,3-Dichlorobenzene	7.599	146	219975	10.749	ng		99
13) 1,4-Dichlorobenzene	7.752	146	224640	10.712	ng		99
14) 1,2-Dichlorobenzene	8.063	146	216592	10.558	ng		99
15) Benzyl Alcohol	7.969	79	147036	8.408	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.252	45	271639	7.793	ng		99
17) 2-Methylphenol	8.175	107	165623	9.478	ng		98
18) Hexachloroethane	8.781	117	79317	9.879	ng		97
19) n-Nitroso-di-n-propyla...	8.528	70	160687	9.235	ng		97
20) 3+4-Methylphenols	8.505	107	231615	9.440	ng		98
22) Acetophenone	8.552	105	321175	10.342	ng	#	99
24) Nitrobenzene	8.928	77	231730	9.495	ng		97
25) Isophorone	9.452	82	401721	9.066	ng		99
26) 2-Nitrophenol	9.640	139	99244	11.305	ng		99
27) 2,4-Dimethylphenol	9.704	122	162194	10.364	ng		99
28) bis(2-Chloroethoxy)met...	9.940	93	266346	10.314	ng		98
29) 2,4-Dichlorophenol	10.175	162	189741	11.331	ng		98
30) 1,2,4-Trichlorobenzene	10.375	180	214384	12.296	ng		100
31) Naphthalene	10.563	128	694748	10.600	ng		100
32) Benzoic acid	9.828	122	106342	9.001	ng		97
33) 4-Chloroaniline	10.693	127	277987	10.173	ng		99
34) Hexachlorobutadiene	10.834	225	134454	15.289	ng		98
35) Caprolactam	11.493	113	57182	8.403	ng		95
36) 4-Chloro-3-methylphenol	11.828	107	214818	10.570	ng		99
37) 2-Methylnaphthalene	12.181	142	497965	11.002	ng		98
38) 1-Methylnaphthalene	12.398	142	489890	10.991	ng		97
40) 1,2,4,5-Tetrachloroben...	12.551	216	248971	13.222	ng		100
41) Hexachlorocyclopentadiene	12.522	237	76229	8.254	ng		97
43) 2,4,6-Trichlorophenol	12.804	196	168540	12.365	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	185723	11.854	ng	97
46) 1,1'-Biphenyl	13.204	154	652960	10.756	ng	100
47) 2-Chloronaphthalene	13.246	162	503988	10.703	ng	99
48) 2-Nitroaniline	13.469	65	134535	8.013	ng	96
49) Acenaphthylene	14.093	152	810026	10.364	ng	100
50) Dimethylphthalate	13.840	163	680665	11.110	ng	100
51) 2,6-Dinitrotoluene	13.969	165	135336	10.700	ng	95
52) Acenaphthene	14.440	154	496521	10.358	ng	100
53) 3-Nitroaniline	14.304	138	141129	9.110	ng	99
54) 2,4-Dinitrophenol	14.516	184	61687	11.040	ng	94
55) Dibenzofuran	14.775	168	805629	10.965	ng	99
56) 4-Nitrophenol	14.634	139	105115	8.171	ng	98
57) 2,4-Dinitrotoluene	14.763	165	176509	10.352	ng	95
58) Fluorene	15.428	166	651547	10.453	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.010	232	178673	13.968	ng	100
60) Diethylphthalate	15.210	149	673894	10.535	ng	99
61) 4-Chlorophenyl-phenyle...	15.428	204	314134	12.054	ng	96
62) 4-Nitroaniline	15.469	138	133509	8.140	ng	96
63) Azobenzene	15.716	77	616840	8.807	ng	97
65) 4,6-Dinitro-2-methylph...	15.528	198	101756	12.129	ng	93
66) n-Nitrosodiphenylamine	15.645	169	562570	10.361	ng	99
67) 4-Bromophenyl-phenylether	16.322	248	200461	13.414	ng	97
68) Hexachlorobenzene	16.434	284	243865	15.358	ng	98
69) Atrazine	16.610	200	187629	11.933	ng	100
70) Pentachlorophenol	16.786	266	135368	13.307	ng	98
71) Phenanthrene	17.175	178	1072532	10.435	ng	99
72) Anthracene	17.269	178	1012967	10.305	ng	99
73) Carbazole	17.551	167	953211	9.901	ng	99
74) Di-n-butylphthalate	18.104	149	1147785	9.898	ng	99
75) Fluoranthene	19.157	202	1265205	11.324	ng	98
77) Benzidine	19.351	184	385730	10.351	ng	98
78) Pyrene	19.510	202	1330587	10.371	ng	99
80) Butylbenzylphthalate	20.386	149	522145	9.270	ng	95
81) Benzo(a)anthracene	21.222	228	1334235	10.532	ng	99
82) 3,3'-Dichlorobenzidine	21.163	252	449279	12.160	ng	100
83) Chrysene	21.274	228	1303174	10.856	ng	99
84) Bis(2-ethylhexyl)phtha...	21.145	149	748395	8.917	ng	98
85) Di-n-octyl phthalate	22.051	149	1242576	8.488	ng	98
87) Indeno(1,2,3-cd)pyrene	26.015	276	1483729	9.429	ng	98
88) Benzo(b)fluoranthene	22.869	252	1302174	10.429	ng	99
89) Benzo(k)fluoranthene	22.916	252	1302949	10.184	ng	99
90) Benzo(a)pyrene	23.480	252	1049115	9.931	ng	98
91) Dibenzo(a,h)anthracene	26.027	278	1249673	9.565	ng	98
92) Benzo(g,h,i)perylene	26.757	276	1202836	9.511	ng	98

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

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