Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112122\
Data File : BP012683.D
Acq On : 21 Nov 2022 13:22
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 21 23:04:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:44:58 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.034	152	264044	20.000	ng		0.00
21) Naphthalene-d8	10.852	136	1150610	20.000	ng		0.00
39) Acenaphthene-d10	14.669	164	789141	20.000	ng		0.00
64) Phenanthrene-d10	17.422	188	1765412	20.000	ng		0.00
76) Chrysene-d12	21.510	240	1821270	20.000	ng		0.00
86) Perylene-d12	24.033	264	1728311	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	264847	18.127	ng		0.00
7) Phenol-d6	7.175	99	354151	17.405	ng		0.00
23) Nitrobenzene-d5	9.199	82	407046	22.243	ng		0.00
42) 2,4,6-Tribromophenol	16.157	330	135563	15.011	ng		0.00
45) 2-Fluorobiphenyl	13.299	172	1180615	22.511	ng		0.00
79) Terphenyl-d14	19.969	244	1904988	22.599	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.440	88	58597	9.987	ng		100
3) Pyridine	3.852	79	170215m	9.190	ng		
4) n-Nitrosodimethylamine	3.758	42	78031	9.865	ng	#	83
6) Aniline	7.352	93	221591	8.645	ng		99
8) 2-Chlorophenol	7.593	128	161702	8.963	ng		100
9) Benzaldehyde	7.164	77	128381	10.818	ng		98
10) Phenol	7.205	94	200590	8.750	ng		99
11) bis(2-Chloroethyl)ether	7.452	93	186853	10.233	ng		100
12) 1,3-Dichlorobenzene	7.922	146	212120	10.595	ng		99
13) 1,4-Dichlorobenzene	8.069	146	221428	10.846	ng		99
14) 1,2-Dichlorobenzene	8.393	146	212863	10.865	ng		98
15) Benzyl Alcohol	8.269	79	112789	7.440	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.569	45	278462	10.808	ng		99
17) 2-Methylphenol	8.469	107	135627	8.532	ng		97
18) Hexachloroethane	9.128	117	81197	11.902	ng		99
19) n-Nitroso-di-n-propyla...	8.840	70	125977	9.109	ng		97
20) 3+4-Methylphenols	8.793	107	172793	7.759	ng		97
22) Acetophenone	8.858	105	296404	10.320	ng	#	99
24) Nitrobenzene	9.240	77	211067	10.681	ng		99
25) Isophorone	9.769	82	401034	9.742	ng		99
26) 2-Nitrophenol	9.958	139	49592	5.787	ng		98
27) 2,4-Dimethylphenol	10.010	122	124045	7.671	ng		98
28) bis(2-Chloroethoxy)met...	10.252	93	220713	9.427	ng		98
29) 2,4-Dichlorophenol	10.493	162	155118	8.253	ng		98
30) 1,2,4-Trichlorobenzene	10.710	180	212178	10.517	ng		97
31) Naphthalene	10.905	128	663126	10.483	ng		100
32) Benzoic acid	10.075	122	43318m	3.421	ng		
33) 4-Chloroaniline	11.005	127	200930	7.624	ng		99
34) Hexachlorobutadiene	11.193	225	134693	11.300	ng		98
35) Caprolactam	11.769	113	37295m	6.094	ng		
36) 4-Chloro-3-methylphenol	12.116	107	168734	8.363	ng		99
37) 2-Methylnaphthalene	12.504	142	458760	10.142	ng		99
38) 1-Methylnaphthalene	12.722	142	464360	10.447	ng		99
40) 1,2,4,5-Tetrachloroben...	12.863	216	246759	10.721	ng		99
41) Hexachlorocyclopentadiene	12.851	237	106144	12.125	ng		100
43) 2,4,6-Trichlorophenol	13.099	196	132367	8.078	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.163	196	159875	8.818	ng		99
46) 1,1'-Biphenyl	13.504	154	612445	10.379	ng		99
47) 2-Chloronaphthalene	13.546	162	490728	10.473	ng		99
48) 2-Nitroaniline	13.740	65	74482	7.943	ng		95
49) Acenaphthylene	14.393	152	783646	10.247	ng		98
50) Dimethylphthalate	14.122	163	601069	9.670	ng		99
51) 2,6-Dinitrotoluene	14.234	165	109768	10.070	ng		90
52) Acenaphthene	14.734	154	494010	10.122	ng		98
53) 3-Nitroaniline	14.563	138	101994	8.171	ng		95
54) 2,4-Dinitrophenol	14.763	184	32376	5.349	ng		95
55) Dibenzofuran	15.069	168	784489	10.648	ng		98
56) 4-Nitrophenol	14.851	139	78274	6.699	ng		95
57) 2,4-Dinitrotoluene	15.016	165	135932	9.375	ng		87
58) Fluorene	15.716	166	657743	11.342	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.287	232	149679	9.171	ng		99
60) Diethylphthalate	15.487	149	552341	9.033	ng		98
61) 4-Chlorophenyl-phenyle...	15.710	204	315832	11.330	ng		98
62) 4-Nitroaniline	15.722	138	81712	6.691	ng		97
63) Azobenzene	16.004	77	620997	11.116	ng		97
65) 4,6-Dinitro-2-methylph...	15.781	198	48009	5.538	ng		94
66) n-Nitrosodiphenylamine	15.922	169	507610	9.648	ng		99
67) 4-Bromophenyl-phenylether	16.610	248	172001	9.318	ng		98
68) Hexachlorobenzene	16.722	284	225580	10.537	ng		98
69) Atrazine	16.875	200	98090	7.076	ng		99
70) Pentachlorophenol	17.063	266	109681	7.894	ng		98
71) Phenanthrene	17.463	178	1052494	10.511	ng		99
72) Anthracene	17.557	178	986880	10.215	ng		98
73) Carbazole	17.822	167	850096	9.265	ng		100
74) Di-n-butylphthalate	18.375	149	642881	6.720	ng		99
75) Fluoranthene	19.422	202	1213592	10.230	ng		98
77) Benzidine	19.598	184	52709m	2.105	ng		
78) Pyrene	19.775	202	1259303	9.784	ng		98
80) Butylbenzylphthalate	20.651	149	109913	4.732	ng		98
81) Benzo(a)anthracene	21.492	228	1268134	9.932	ng		98
82) 3,3'-Dichlorobenzidine	21.422	252	143069	4.452	ng		99
83) Chrysene	21.551	228	1245134	10.284	ng		98
84) Bis(2-ethylhexyl)phtha...	21.416	149	181788	4.318	ng		97
85) Di-n-octyl phthalate	22.392	149	334037	3.750	ng	#	90
87) Indeno(1,2,3-cd)pyrene	26.686	276	1232446	9.795	ng		99
88) Benzo(b)fluoranthene	23.257	252	1133704	9.908	ng		98
89) Benzo(k)fluoranthene	23.310	252	1181770	10.394	ng		99
90) Benzo(a)pyrene	23.921	252	885694	9.328	ng		99
91) Dibenzo(a,h)anthracene	26.704	278	1049975	10.091	ng		98
92) Benzo(g,h,i)perylene	27.492	276	980535	9.703	ng		99

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

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