Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100322\
Data File : BM036817.D
Acq On : 03 Oct 2022 14:43
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 04 02:22:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 02:16:33 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.975	152	354753	20.000	ng		0.00
21) Naphthalene-d8	10.786	136	1540815	20.000	ng		0.00
39) Acenaphthene-d10	14.604	164	875122	20.000	ng		0.00
64) Phenanthrene-d10	17.339	188	1607032	20.000	ng		0.00
76) Chrysene-d12	21.509	240	1309076	20.000	ng		0.00
86) Perylene-d12	23.921	264	1151139	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	808508	39.950	ng		0.00
7) Phenol-d6	7.134	99	1131643	38.841	ng		0.00
23) Nitrobenzene-d5	9.145	82	1188956	40.349	ng		0.00
42) 2,4,6-Tribromophenol	16.086	330	265233	31.724	ng		0.00
45) 2-Fluorobiphenyl	13.233	172	2427716	42.140	ng		0.00
79) Terphenyl-d14	19.950	244	2704435	45.771	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	179310	21.124	ng		99
3) Pyridine	3.810	79	527958	20.162	ng		98
4) n-Nitrosodimethylamine	3.716	42	237407	22.793	ng		96
6) Aniline	7.298	93	730104	20.071	ng		99
8) 2-Chlorophenol	7.534	128	493988	20.334	ng		99
9) Benzaldehyde	7.116	77	394066m	22.313	ng		
10) Phenol	7.163	94	654651	19.889	ng		99
11) bis(2-Chloroethyl)ether	7.398	93	540661	20.609	ng		99
12) 1,3-Dichlorobenzene	7.863	146	543508	20.865	ng		99
13) 1,4-Dichlorobenzene	8.010	146	559790	20.841	ng		99
14) 1,2-Dichlorobenzene	8.328	146	533592	20.561	ng		100
15) Benzyl Alcohol	8.216	79	443821	19.658	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.510	45	803799	23.449	ng		99
17) 2-Methylphenol	8.416	107	430193	19.849	ng		98
18) Hexachloroethane	9.057	117	202353	20.805	ng		97
19) n-Nitroso-di-n-propyla...	8.786	70	434589	20.172	ng		99
20) 3+4-Methylphenols	8.745	107	584664	19.232	ng		98
22) Acetophenone	8.804	105	793829	20.000	ng	#	99
24) Nitrobenzene	9.186	77	630285	20.595	ng		100
25) Isophorone	9.716	82	1061456	19.345	ng		100
26) 2-Nitrophenol	9.898	139	209866	17.423	ng		98
27) 2,4-Dimethylphenol	9.957	122	398750	19.467	ng		100
28) bis(2-Chloroethoxy)met...	10.198	93	653401	19.888	ng		99
29) 2,4-Dichlorophenol	10.427	162	417163	18.749	ng		99
30) 1,2,4-Trichlorobenzene	10.645	180	454156	19.352	ng		100
31) Naphthalene	10.833	128	1705377	20.403	ng		100
32) Benzoic acid	10.069	122	244428	14.258	ng		99
33) 4-Chloroaniline	10.945	127	671216	19.316	ng		100
34) Hexachlorobutadiene	11.116	225	244373	18.596	ng		100
35) Caprolactam	11.733	113	125088	15.558	ng		97
36) 4-Chloro-3-methylphenol	12.063	107	475788	17.867	ng		98
37) 2-Methylnaphthalene	12.439	142	1113676	19.296	ng		99
38) 1-Methylnaphthalene	12.657	142	1100814	19.388	ng		100
40) 1,2,4,5-Tetrachloroben...	12.804	216	444497	20.302	ng		100
41) Hexachlorocyclopentadiene	12.780	237	202044	19.130	ng		98
43) 2,4,6-Trichlorophenol	13.039	196	296203	18.895	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	328629	18.565	ng	99
46) 1,1'-Biphenyl	13.445	154	1347898	21.246	ng	100
47) 2-Chloronaphthalene	13.486	162	1035361	21.022	ng	100
48) 2-Nitroaniline	13.686	65	309665	18.773	ng	94
49) Acenaphthylene	14.327	152	1671704	20.897	ng	100
50) Dimethylphthalate	14.063	163	1226561	18.904	ng	100
51) 2,6-Dinitrotoluene	14.180	165	242050	18.297	ng	95
52) Acenaphthene	14.668	154	1027851	20.570	ng	99
53) 3-Nitroaniline	14.510	138	288371	18.284	ng	97
54) 2,4-Dinitrophenol	14.710	184	101821	14.594	ng	91
55) Dibenzofuran	14.998	168	1544169	19.936	ng	100
56) 4-Nitrophenol	14.810	139	214998	16.679	ng	98
57) 2,4-Dinitrotoluene	14.962	165	305179	17.181	ng	95
58) Fluorene	15.645	166	1263681	19.398	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.221	232	267795	17.399	ng	99
60) Diethylphthalate	15.421	149	1251990	18.599	ng	100
61) 4-Chlorophenyl-phenyle...	15.639	204	547420	18.532	ng	99
62) 4-Nitroaniline	15.668	138	293598	17.282	ng	99
63) Azobenzene	15.933	77	1470470	21.108	ng	99
65) 4,6-Dinitro-2-methylph...	15.721	198	138027	16.045	ng	98
66) n-Nitrosodiphenylamine	15.851	169	1029590	21.481	ng	100
67) 4-Bromophenyl-phenylether	16.533	248	300969	20.124	ng	99
68) Hexachlorobenzene	16.645	284	328379	19.199	ng	98
69) Atrazine	16.804	200	276350	18.842	ng	99
70) Pentachlorophenol	16.986	266	185779	17.175	ng	97
71) Phenanthrene	17.380	178	1856131	20.589	ng	99
72) Anthracene	17.474	178	1772445	20.578	ng	99
73) Carbazole	17.745	167	1642502	19.712	ng	99
74) Di-n-butylphthalate	18.303	149	1987239	18.807	ng	99
75) Fluoranthene	19.392	202	1889003	18.408	ng	98
77) Benzidine	19.574	184	487050	17.154	ng	100
78) Pyrene	19.750	202	1976520	23.401	ng	99
80) Butylbenzylphthalate	20.644	149	755793	19.822	ng	92
81) Benzo(a)anthracene	21.491	228	1717700	20.263	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	484992	18.502	ng	99
83) Chrysene	21.544	228	1674001	20.781	ng	99
84) Bis(2-ethylhexyl)phtha...	21.421	149	1142944	19.761	ng	99
85) Di-n-octyl phthalate	22.350	149	1729694	18.258	ng	99
87) Indeno(1,2,3-cd)pyrene	26.432	276	1581601	18.892	ng	100
88) Benzo(b)fluoranthene	23.185	252	1458035	20.672	ng	99
89) Benzo(k)fluoranthene	23.233	252	1522364	21.299	ng	99
90) Benzo(a)pyrene	23.815	252	1180614	20.027	ng	99
91) Dibenzo(a,h)anthracene	26.450	278	1309352	18.582	ng	100
92) Benzo(g,h,i)perylene	27.203	276	1297126	19.273	ng	99

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

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