Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093022\
Data File : BM036810.D
Acq On : 30 Sep 2022 13:52
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 30 14:46:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM093022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 13:20:19 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/03/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.981	152	338184	20.000	ng		0.00
21) Naphthalene-d8	10.792	136	1420554	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	894600	20.000	ng		0.00
64) Phenanthrene-d10	17.345	188	1844210	20.000	ng		0.00
76) Chrysene-d12	21.515	240	1954520	20.000	ng		0.00
86) Perylene-d12	23.933	264	2022982	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	2403421	121.903	ng		0.00
7) Phenol-d6	7.146	99	3496321	129.342	ng		0.00
23) Nitrobenzene-d5	9.151	82	3465053	126.038	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	1122724	150.926	ng		0.00
45) 2-Fluorobiphenyl	13.239	172	7294740	117.039	ng		0.00
79) Terphenyl-d14	19.962	244	10513295	110.647	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	468576	54.248	ng		99
3) Pyridine	3.811	79	1561844m	62.954	ng		
4) n-Nitrosodimethylamine	3.722	42	596422	57.831	ng		94
6) Aniline	7.310	93	2153993	65.420	ng		99
8) 2-Chlorophenol	7.546	128	1423108	62.734	ng		99
9) Benzaldehyde	7.116	77	900529	55.160	ng		99
10) Phenol	7.169	94	1967978	64.928	ng		99
11) bis(2-Chloroethyl)ether	7.404	93	1513522	64.049	ng		99
12) 1,3-Dichlorobenzene	7.869	146	1494941	60.217	ng		99
13) 1,4-Dichlorobenzene	8.016	146	1541281	60.278	ng		99
14) 1,2-Dichlorobenzene	8.334	146	1481838	60.663	ng		99
15) Benzyl Alcohol	8.228	79	1333229	67.914	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.516	45	1906005	63.988	ng		100
17) 2-Methylphenol	8.428	107	1266319	64.992	ng		99
18) Hexachloroethane	9.063	117	567003	62.842	ng		98
19) n-Nitroso-di-n-propyla...	8.798	70	1234886	68.944	ng		98
20) 3+4-Methylphenols	8.757	107	1784599	67.401	ng		99
22) Acetophenone	8.810	105	2291712	62.736	ng	#	99
24) Nitrobenzene	9.193	77	1776752	62.318	ng		97
25) Isophorone	9.728	82	3225156	70.610	ng		100
26) 2-Nitrophenol	9.904	139	761595	80.603	ng		98
27) 2,4-Dimethylphenol	9.963	122	1207183	65.591	ng		99
28) bis(2-Chloroethoxy)met...	10.204	93	1862005	65.826	ng		99
29) 2,4-Dichlorophenol	10.434	162	1334656	67.729	ng		99
30) 1,2,4-Trichlorobenzene	10.651	180	1366306	62.829	ng		100
31) Naphthalene	10.840	128	4759320	61.265	ng		99
32) Benzoic acid	10.128	122	1081398	81.692	ng		99
33) 4-Chloroaniline	10.951	127	2030232	66.861	ng		99
34) Hexachlorobutadiene	11.122	225	756847	63.578	ng		98
35) Caprolactam	11.775	113	489866	79.161	ng		98
36) 4-Chloro-3-methylphenol	12.075	107	1566603	71.783	ng		99
37) 2-Methylnaphthalene	12.445	142	3325115	66.625	ng		99
38) 1-Methylnaphthalene	12.663	142	3240054	66.539	ng		99
40) 1,2,4,5-Tetrachloroben...	12.810	216	1417325	58.224	ng		99
41) Hexachlorocyclopentadiene	12.786	237	709214	60.496	ng		99
43) 2,4,6-Trichlorophenol	13.045	196	1051471	65.518	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.122	196	1174584	65.972	ng	97
46) 1,1'-Biphenyl	13.451	154	4018068	58.573	ng	99
47) 2-Chloronaphthalene	13.492	162	3157107	59.405	ng	99
48) 2-Nitroaniline	13.698	65	1122019	69.950	ng	96
49) Acenaphthylene	14.333	152	5165376	62.756	ng	99
50) Dimethylphthalate	14.075	163	4117012	67.737	ng	100
51) 2,6-Dinitrotoluene	14.192	165	877951	71.827	ng	88
52) Acenaphthene	14.675	154	3181402	61.493	ng	100
53) 3-Nitroaniline	14.522	138	1071123	76.089	ng	94
54) 2,4-Dinitrophenol	14.722	184	487982	88.983	ng	96
55) Dibenzofuran	15.004	168	4889553	62.299	ng	99
56) 4-Nitrophenol	14.822	139	878494	73.510	ng	95
57) 2,4-Dinitrotoluene	14.975	165	1214998	82.775	ng	91
58) Fluorene	15.651	166	4127829	64.279	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.227	232	1001561	70.522	ng	99
60) Diethylphthalate	15.427	149	4328642	74.125	ng	100
61) 4-Chlorophenyl-phenyle...	15.645	204	1876472	66.992	ng	97
62) 4-Nitroaniline	15.680	138	1161996	81.217	ng	96
63) Azobenzene	15.939	77	4478630	69.714	ng	98
65) 4,6-Dinitro-2-methylph...	15.733	198	666004	78.523	ng	92
66) n-Nitrosodiphenylamine	15.863	169	3454200	59.476	ng	99
67) 4-Bromophenyl-phenylether	16.539	248	1092566	64.496	ng	97
68) Hexachlorobenzene	16.651	284	1247546	63.692	ng	96
69) Atrazine	16.810	200	1047851	69.506	ng	98
70) Pentachlorophenol	16.992	266	838980	71.631	ng	99
71) Phenanthrene	17.386	178	6429191	60.385	ng	99
72) Anthracene	17.480	178	6267242	63.071	ng	99
73) Carbazole	17.751	167	6057021	64.249	ng	100
74) Di-n-butylphthalate	18.310	149	7801497	82.452	ng	99
75) Fluoranthene	19.398	202	7475954	69.911	ng	98
77) Benzidine	19.580	184	2481853	70.569	ng	99
78) Pyrene	19.757	202	7789018	55.202	ng	98
80) Butylbenzylphthalate	20.651	149	3770336	89.684	ng	96
81) Benzo(a)anthracene	21.504	228	7876537	62.488	ng	98
82) 3,3'-Dichlorobenzidine	21.439	252	2468635	70.941	ng	99
83) Chrysene	21.556	228	7535787	61.423	ng	97
84) Bis(2-ethylhexyl)phtha...	21.427	149	5585056	100.854	ng	97
85) Di-n-octyl phthalate	22.356	149	9445428	100.373	ng	97
87) Indeno(1,2,3-cd)pyrene	26.468	276	9455748	63.959	ng	99
88) Benzo(b)fluoranthene	23.198	252	7678837	59.884	ng	100
89) Benzo(k)fluoranthene	23.250	252	8018283	62.407	ng	99
90) Benzo(a)pyrene	23.833	252	6640921	63.848	ng	99
91) Dibenzo(a,h)anthracene	26.486	278	7957257	64.952	ng	99
92) Benzo(g,h,i)perylene	27.244	276	7620693	62.587	ng	100

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

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