Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020422\
Data File : BM034019.D
Acq On : 04 Feb 2022 15:06
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

Quant Time: Feb 04 16:43:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 04 16:38:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.913	152	103038	20.000	ng		0.00
21) Naphthalene-d8	10.731	136	395318	20.000	ng		0.00
39) Acenaphthene-d10	14.554	164	231909	20.000	ng		0.00
64) Phenanthrene-d10	17.289	188	446579	20.000	ng		0.00
76) Chrysene-d12	21.459	240	427627	20.000	ng		0.00
86) Perylene-d12	23.842	264	435561	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.466	112	731481	119.288	ng		0.00
7) Phenol-d6	7.078	99	962548	111.419	ng		0.00
23) Nitrobenzene-d5	9.084	82	975881	121.484	ng		0.00
42) 2,4,6-Tribromophenol	16.042	330	339332	107.926	ng		0.00
45) 2-Fluorobiphenyl	13.183	172	1996341	121.105	ng		0.00
79) Terphenyl-d14	19.906	244	2681452	103.985	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.313	88	151599	63.271	ng		92
3) Pyridine	3.725	79	409334m	59.154	ng		
4) n-Nitrosodimethylamine	3.631	42	200574	61.797	ng	#	74
6) Aniline	7.237	93	545991	54.446	ng		97
8) 2-Chlorophenol	7.478	128	395500	55.673	ng		90
9) Benzaldehyde	7.048	77	233250	45.913	ng		93
10) Phenol	7.107	94	482360	55.674	ng		94
11) bis(2-Chloroethyl)ether	7.337	93	369112	52.971	ng		94
12) 1,3-Dichlorobenzene	7.807	146	444187	56.526	ng		97
13) 1,4-Dichlorobenzene	7.954	146	455060	56.287	ng		97
14) 1,2-Dichlorobenzene	8.272	146	437394	55.480	ng		98
15) Benzyl Alcohol	8.154	79	386973	52.973	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.454	45	513913	53.288	ng		97
17) 2-Methylphenol	8.360	107	332730	52.865	ng		96
18) Hexachloroethane	9.007	117	166620	55.737	ng		93
19) n-Nitroso-di-n-propyla...	8.731	70	303150	48.980	ng	#	91
20) 3+4-Methylphenols	8.695	107	459861	52.293	ng		94
22) Acetophenone	8.742	105	608147	58.266	ng	#	93
24) Nitrobenzene	9.125	77	456725	60.425	ng		93
25) Isophorone	9.654	82	742067	52.453	ng		97
26) 2-Nitrophenol	9.837	139	212625	58.235	ng		88
27) 2,4-Dimethylphenol	9.901	122	317739	56.992	ng		96
28) bis(2-Chloroethoxy)met...	10.137	93	487933	54.131	ng		98
29) 2,4-Dichlorophenol	10.372	162	361813	56.760	ng		99
30) 1,2,4-Trichlorobenzene	10.589	180	403366	58.482	ng		98
31) Naphthalene	10.778	128	1231902	57.728	ng		99
32) Benzoic acid	10.048	122	262163	58.596	ng		90
33) 4-Chloroaniline	10.884	127	490644	55.252	ng		94
34) Hexachlorobutadiene	11.072	225	261600	57.878	ng		97
35) Caprolactam	11.678	113	109501	48.238	ng	#	83
36) 4-Chloro-3-methylphenol	12.013	107	417768	53.211	ng		99
37) 2-Methylnaphthalene	12.389	142	822814	53.822	ng		99
38) 1-Methylnaphthalene	12.607	142	801735	53.725	ng		100
40) 1,2,4,5-Tetrachloroben...	12.760	216	417398	62.199	ng		99
41) Hexachlorocyclopentadiene	12.742	237	264500	64.039	ng		99
43) 2,4,6-Trichlorophenol	12.995	196	286007	59.688	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.066	196	304069	58.928	ng		96
46) 1,1'-Biphenyl	13.395	154	1052889	59.989	ng		98
47) 2-Chloronaphthalene	13.436	162	815209	60.869	ng		99
48) 2-Nitroaniline	13.636	65	269947	61.630	ng		88
49) Acenaphthylene	14.277	152	1266722	58.700	ng		99
50) Dimethylphthalate	14.019	163	994128	54.408	ng		98
51) 2,6-Dinitrotoluene	14.130	165	208731	56.612	ng		93
52) Acenaphthene	14.619	154	767918	53.234	ng		99
53) 3-Nitroaniline	14.454	138	234706	58.209	ng		93
54) 2,4-Dinitrophenol	14.660	184	131104	58.743	ng		91
55) Dibenzofuran	14.954	168	1239339	57.495	ng		98
56) 4-Nitrophenol	14.760	139	194066	58.652	ng		89
57) 2,4-Dinitrotoluene	14.913	165	286776	55.904	ng		89
58) Fluorene	15.601	166	966064	56.862	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.177	232	261661	55.606	ng		99
60) Diethylphthalate	15.377	149	1004749	52.444	ng		99
61) 4-Chlorophenyl-phenyle...	15.595	204	491553	55.341	ng		96
62) 4-Nitroaniline	15.619	138	247753	58.505	ng		92
63) Azobenzene	15.883	77	996143	56.552	ng		95
65) 4,6-Dinitro-2-methylph...	15.677	198	180977	61.872	ng		85
66) n-Nitrosodiphenylamine	15.807	169	834420	60.037	ng		98
67) 4-Bromophenyl-phenylether	16.483	248	290290	57.212	ng		93
68) Hexachlorobenzene	16.607	284	319997	57.772	ng		95
69) Atrazine	16.754	200	278787	53.547	ng		98
70) Pentachlorophenol	16.942	266	213833	60.066	ng		99
71) Phenanthrene	17.336	178	1471225	59.178	ng		99
72) Anthracene	17.424	178	1443745	59.048	ng		99
73) Carbazole	17.695	167	1422419	59.607	ng		100
74) Di-n-butylphthalate	18.260	149	1607329	53.441	ng		100
75) Fluoranthene	19.342	202	1642403	59.000	ng		100
77) Benzidine	19.524	184	495288	45.651	ng		99
78) Pyrene	19.706	202	1703627	53.924	ng		99
80) Butylbenzylphthalate	20.601	149	725506	49.878	ng		91
81) Benzo(a)anthracene	21.442	228	1634536	57.751	ng		99
82) 3,3'-Dichlorobenzidine	21.377	252	585421	57.842	ng		100
83) Chrysene	21.495	228	1562295	57.788	ng		99
84) Bis(2-ethylhexyl)phtha...	21.371	149	1003051	47.722	ng		100
85) Di-n-octyl phthalate	22.289	149	1689880	50.036	ng	#	93
87) Indeno(1,2,3-cd)pyrene	26.341	276	1898536	65.562	ng		100
88) Benzo(b)fluoranthene	23.118	252	1587311	57.087	ng		99
89) Benzo(k)fluoranthene	23.165	252	1567380	56.287	ng		99
90) Benzo(a)pyrene	23.742	252	1322481	58.185	ng		100
91) Dibenzo(a,h)anthracene	26.353	278	1594499	65.184	ng		97
92) Benzo(g,h,i)perylene	27.106	276	1552987	66.717	ng		98

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

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