Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060222\
Data File : BM035363.D
Acq On : 02 Jun 2022 15:23
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 02 15:53:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 15:14:00 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.857	152	212815	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	800774	20.000	ng	#	0.00
39) Acenaphthene-d10	14.498	164	559246	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	1169648	20.000	ng	#	0.00
76) Chrysene-d12	21.433	240	1084171	20.000	ng	#	0.00
86) Perylene-d12	23.791	264	1118387	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1545265	134.066	ng		0.00
7) Phenol-d6	7.045	99	2097042	140.508	ng		0.00
23) Nitrobenzene-d5	9.028	82	1951182	134.131	ng		0.01
42) 2,4,6-Tribromophenol	15.998	330	1395068	192.289	ng		0.00
45) 2-Fluorobiphenyl	13.127	172	5782683	143.392	ng		0.00
79) Terphenyl-d14	19.874	244	7993347	130.645	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	260930	57.804	ng	#	84
3) Pyridine	3.734	79	758717m	64.605	ng		
4) n-Nitrosodimethylamine	3.646	42	287017	50.179	ng	#	59
6) Aniline	7.187	93	1157079	72.970	ng		94
8) 2-Chlorophenol	7.428	128	949352	73.194	ng		88
9) Benzaldehyde	6.998	77	368399	47.609	ng		85
10) Phenol	7.075	94	1019653	70.103	ng		89
11) bis(2-Chloroethyl)ether	7.287	93	815020	71.686	ng		89
12) 1,3-Dichlorobenzene	7.745	146	1086531	72.478	ng	#	94
13) 1,4-Dichlorobenzene	7.892	146	1106204	72.250	ng		97
14) 1,2-Dichlorobenzene	8.210	146	1094796	73.675	ng		96
15) Benzyl Alcohol	8.110	79	761641	71.748	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.392	45	939702	61.497	ng		92
17) 2-Methylphenol	8.316	107	757123	74.239	ng		92
18) Hexachloroethane	8.934	117	365546	69.698	ng	#	80
19) n-Nitroso-di-n-propyla...	8.681	70	632106	68.672	ng	#	82
20) 3+4-Methylphenols	8.651	107	1050473	75.249	ng		95
22) Acetophenone	8.687	105	1371859	71.990	ng	#	90
24) Nitrobenzene	9.069	77	888142	66.196	ng	#	88
25) Isophorone	9.604	82	1686420	76.597	ng	#	92
26) 2-Nitrophenol	9.775	139	603930	87.237	ng	#	83
27) 2,4-Dimethylphenol	9.845	122	774973	79.924	ng		97
28) bis(2-Chloroethoxy)met...	10.075	93	1148676	77.149	ng	#	98
29) 2,4-Dichlorophenol	10.316	162	1070923	87.696	ng		97
30) 1,2,4-Trichlorobenzene	10.522	180	1207828	82.848	ng		98
31) Naphthalene	10.710	128	2977895	76.318	ng		100
32) Benzoic acid	10.086	122	761914	92.362	ng		90
33) 4-Chloroaniline	10.828	127	1261112	81.599	ng	#	93
34) Hexachlorobutadiene	10.992	225	804460	84.332	ng		98
35) Caprolactam	11.663	113	306411	91.441	ng	#	71
36) 4-Chloro-3-methylphenol	11.969	107	963731	79.435	ng		93
37) 2-Methylnaphthalene	12.322	142	2228868	81.010	ng		96
38) 1-Methylnaphthalene	12.539	142	2168455	80.625	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.692	216	1463321	81.709	ng	#	95
41) Hexachlorocyclopentadiene	12.669	237	724716	77.110	ng		98
43) 2,4,6-Trichlorophenol	12.939	196	990784	84.895	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.022	196	1058347	85.252	ng	#	90
46) 1,1'-Biphenyl	13.333	154	3102796	75.300	ng		99
47) 2-Chloronaphthalene	13.374	162	2442943	76.463	ng		98
48) 2-Nitroaniline	13.586	65	548587	68.814	ng	#	75
49) Acenaphthylene	14.221	152	3651887	76.660	ng		99
50) Dimethylphthalate	13.974	163	3090509	77.925	ng	#	98
51) 2,6-Dinitrotoluene	14.086	165	682199	83.793	ng	#	70
52) Acenaphthene	14.563	154	2180573	75.165	ng		99
53) 3-Nitroaniline	14.416	138	650986	80.709	ng		86
54) 2,4-Dinitrophenol	14.627	184	486212	93.499	ng	#	71
55) Dibenzofuran	14.898	168	3720097	76.138	ng		92
56) 4-Nitrophenol	14.745	139	510009	82.015	ng	#	73
57) 2,4-Dinitrotoluene	14.874	165	919444	84.191	ng	#	78
58) Fluorene	15.551	166	2829381	74.272	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.133	232	948439	86.319	ng	#	80
60) Diethylphthalate	15.327	149	3008513	77.640	ng		95
61) 4-Chlorophenyl-phenyle...	15.539	204	1638237	78.985	ng		89
62) 4-Nitroaniline	15.586	138	663404	81.434	ng		83
63) Azobenzene	15.839	77	2183793	66.613	ng		83
65) 4,6-Dinitro-2-methylph...	15.645	198	679028	92.564	ng	#	76
66) n-Nitrosodiphenylamine	15.763	169	2624214	77.900	ng		99
67) 4-Bromophenyl-phenylether	16.433	248	1143031	87.400	ng	#	87
68) Hexachlorobenzene	16.557	284	1270063	87.177	ng	#	83
69) Atrazine	16.715	200	856920	76.424	ng		97
70) Pentachlorophenol	16.904	266	750312	89.168	ng		99
71) Phenanthrene	17.286	178	4476601	74.493	ng		100
72) Anthracene	17.380	178	4490608	76.552	ng		99
73) Carbazole	17.651	167	4119981	73.852	ng		98
74) Di-n-butylphthalate	18.215	149	5029640	77.705	ng		98
75) Fluoranthene	19.304	202	5051207	71.763	ng		98
77) Benzidine	19.486	184	1435816	65.377	ng		100
78) Pyrene	19.668	202	5092361	71.594	ng		99
80) Butylbenzylphthalate	20.562	149	2154528	79.195	ng	#	85
81) Benzo(a)anthracene	21.415	228	5017962	73.190	ng		99
82) 3,3'-Dichlorobenzidine	21.345	252	1247808	73.511	ng	#	98
83) Chrysene	21.468	228	4768057	73.674	ng		99
84) Bis(2-ethylhexyl)phtha...	21.345	149	3169516	82.402	ng	#	93
85) Di-n-octyl phthalate	22.256	149	5559411	87.122	ng	#	90
87) Indeno(1,2,3-cd)pyrene	26.250	276	6053243	79.440	ng		95
88) Benzo(b)fluoranthene	23.074	252	4885680	72.409	ng		99
89) Benzo(k)fluoranthene	23.127	252	5068102	76.025	ng		98
90) Benzo(a)pyrene	23.691	252	4240053	75.818	ng		98
91) Dibenzo(a,h)anthracene	26.262	278	5023884	79.371	ng		97
92) Benzo(g,h,i)perylene	27.003	276	4942774	78.297	ng		95

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

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