Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011323\
Data File : BM038442.D
Acq On : 12 Jan 2023 17:57
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 13 00:23:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 13 00:18:04 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.992	152	85999	20.000	ng		0.00
21) Naphthalene-d8	10.804	136	346881	20.000	ng		0.00
39) Acenaphthene-d10	14.627	164	234022	20.000	ng		0.00
64) Phenanthrene-d10	17.368	188	552119	20.000	ng		0.00
76) Chrysene-d12	21.539	240	563170	20.000	ng		0.00
86) Perylene-d12	23.968	264	535428	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	228207	43.991	ng		0.00
7) Phenol-d6	7.157	99	308576	45.289	ng		0.00
23) Nitrobenzene-d5	9.169	82	369026	46.591	ng		0.00
42) 2,4,6-Tribromophenol	16.110	330	137739	38.635	ng		0.00
45) 2-Fluorobiphenyl	13.251	172	733713	39.452	ng		0.00
79) Terphenyl-d14	19.980	244	1369888	45.980	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	54749	22.421	ng		99
3) Pyridine	3.816	79	167875	25.268	ng		95
4) n-Nitrosodimethylamine	3.728	42	106648	33.695	ng		99
6) Aniline	7.322	93	199464	22.949	ng		99
8) 2-Chlorophenol	7.551	128	116481	21.470	ng		98
9) Benzaldehyde	7.134	77	118512m	24.292	ng		
10) Phenol	7.181	94	164143	23.202	ng		99
11) bis(2-Chloroethyl)ether	7.416	93	133403	22.974	ng		95
12) 1,3-Dichlorobenzene	7.881	146	122684	20.482	ng		97
13) 1,4-Dichlorobenzene	8.028	146	124504	20.602	ng		97
14) 1,2-Dichlorobenzene	8.345	146	120525	20.377	ng		99
15) Benzyl Alcohol	8.239	79	138610	27.140	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.528	45	221038	27.173	ng		96
17) 2-Methylphenol	8.439	107	115707	23.244	ng		97
18) Hexachloroethane	9.075	117	53923	23.074	ng		95
19) n-Nitroso-di-n-propyla...	8.804	70	136429	27.670	ng		97
20) 3+4-Methylphenols	8.769	107	152706	22.949	ng		98
22) Acetophenone	8.828	105	210201	21.426	ng	#	98
24) Nitrobenzene	9.210	77	195830	23.808	ng		97
25) Isophorone	9.733	82	341061	23.952	ng		98
26) 2-Nitrophenol	9.922	139	63694	19.853	ng		100
27) 2,4-Dimethylphenol	9.975	122	107247	20.041	ng		97
28) bis(2-Chloroethoxy)met...	10.216	93	187170	22.553	ng		98
29) 2,4-Dichlorophenol	10.451	162	118782	20.328	ng		98
30) 1,2,4-Trichlorobenzene	10.669	180	129314	19.242	ng		99
31) Naphthalene	10.857	128	369744	20.060	ng		100
32) Benzoic acid	10.104	122	78174	19.398	ng		93
33) 4-Chloroaniline	10.975	127	162773	20.733	ng		95
34) Hexachlorobutadiene	11.128	225	84541	19.370	ng		99
35) Caprolactam	11.769	113	36232m	21.271	ng		
36) 4-Chloro-3-methylphenol	12.086	107	136530	22.139	ng		97
37) 2-Methylnaphthalene	12.457	142	267877	20.264	ng		98
38) 1-Methylnaphthalene	12.674	142	252883	20.315	ng		100
40) 1,2,4,5-Tetrachloroben...	12.822	216	164957	19.083	ng		99
41) Hexachlorocyclopentadiene	12.792	237	89199	18.874	ng		98
43) 2,4,6-Trichlorophenol	13.063	196	107788	19.060	ng		98

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44) 2,4,5-Trichlorophenol	13.139	196	125350	19.026	ng	98
46) 1,1'-Biphenyl	13.463	154	356886	19.319	ng	100
47) 2-Chloronaphthalene	13.510	162	279296	19.153	ng	99
48) 2-Nitroaniline	13.716	65	119342	24.362	ng	94
49) Acenaphthylene	14.351	152	442399	19.221	ng	99
50) Dimethylphthalate	14.086	163	374776	20.119	ng	100
51) 2,6-Dinitrotoluene	14.210	165	76692	19.532	ng	93
52) Acenaphthene	14.692	154	266110	19.174	ng	98
53) 3-Nitroaniline	14.539	138	79650	19.843	ng	97
54) 2,4-Dinitrophenol	14.751	184	51604	18.996	ng	97
55) Dibenzofuran	15.021	168	458862	19.861	ng	99
56) 4-Nitrophenol	14.845	139	62414	19.328	ng	97
57) 2,4-Dinitrotoluene	14.998	165	106421	19.912	ng	99
58) Fluorene	15.668	166	390257	20.518	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.245	232	109847	19.702	ng	99
60) Diethylphthalate	15.439	149	405897	21.885	ng	98
61) 4-Chlorophenyl-phenyle...	15.663	204	210833	21.058	ng	100
62) 4-Nitroaniline	15.704	138	86120	20.950	ng	94
63) Azobenzene	15.951	77	522157	27.066	ng	97
65) 4,6-Dinitro-2-methylph...	15.757	198	74763	19.946	ng	95
66) n-Nitrosodiphenylamine	15.874	169	336590	20.223	ng	99
67) 4-Bromophenyl-phenylether	16.557	248	123036	19.809	ng	97
68) Hexachlorobenzene	16.668	284	128863	18.727	ng	98
69) Atrazine	16.827	200	117648	20.572	ng	96
70) Pentachlorophenol	17.015	266	93930	18.773	ng	98
71) Phenanthrene	17.409	178	600842	19.500	ng	99
72) Anthracene	17.498	178	615969	19.549	ng	99
73) Carbazole	17.774	167	542437	19.573	ng	99
74) Di-n-butylphthalate	18.321	149	696606	22.012	ng	100
75) Fluoranthene	19.421	202	743146	19.506	ng	98
77) Benzidine	19.603	184	250606	15.582	ng	99
78) Pyrene	19.780	202	788266	19.938	ng	99
80) Butylbenzylphthalate	20.668	149	311136	21.536	ng	98
81) Benzo(a)anthracene	21.527	228	805521	19.830	ng	100
82) 3,3'-Dichlorobenzidine	21.456	252	253581	18.704	ng	98
83) Chrysene	21.580	228	782818	19.703	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	458546	22.712	ng	97
85) Di-n-octyl phthalate	22.362	149	753276	20.953	ng	97
87) Indeno(1,2,3-cd)pyrene	26.497	276	639231	16.304	ng	99
88) Benzo(b)fluoranthene	23.227	252	699374	20.998	ng	98
89) Benzo(k)fluoranthene	23.274	252	694558	20.095	ng	99
90) Benzo(a)pyrene	23.862	252	645642	19.740	ng	99
91) Dibenzo(a,h)anthracene	26.515	278	535581	16.549	ng	99
92) Benzo(g,h,i)perylene	27.285	276	511807	15.605	ng	98

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

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