Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012023\
Data File : BM038498.D
Acq On : 20 Jan 2023 14:04
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

Quant Time: Jan 21 00:06:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 21 00:02:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	66077	20.000	ng		0.00
21) Naphthalene-d8	10.781	136	234338	20.000	ng		0.00
39) Acenaphthene-d10	14.604	164	152475	20.000	ng		0.00
64) Phenanthrene-d10	17.345	188	366279	20.000	ng		0.00
76) Chrysene-d12	21.521	240	391652	20.000	ng		0.00
86) Perylene-d12	23.933	264	461570	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	163232	40.838	ng		0.00
7) Phenol-d6	7.134	99	209061	40.994	ng		0.00
23) Nitrobenzene-d5	9.145	82	217363	40.279	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	87459	39.832	ng		0.00
45) 2-Fluorobiphenyl	13.233	172	487749	39.404	ng		0.00
79) Terphenyl-d14	19.956	244	793338	39.490	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	38530	20.607	ng		97
3) Pyridine	3.793	79	108318	22.913	ng		96
4) n-Nitrosodimethylamine	3.705	42	50194	21.826	ng		97
6) Aniline	7.298	93	129716	20.492	ng		98
8) 2-Chlorophenol	7.528	128	82697	20.253	ng		95
9) Benzaldehyde	7.110	77	67520m	21.818	ng		
10) Phenol	7.157	94	105873	20.775	ng		95
11) bis(2-Chloroethyl)ether	7.393	93	83403	20.743	ng		94
12) 1,3-Dichlorobenzene	7.857	146	96076	20.697	ng		97
13) 1,4-Dichlorobenzene	8.004	146	96136	20.496	ng		100
14) 1,2-Dichlorobenzene	8.322	146	92401	20.338	ng		99
15) Benzyl Alcohol	8.216	79	79182	20.766	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.493	45	89269m	21.038	ng		
17) 2-Methylphenol	8.416	107	73917	20.494	ng		98
18) Hexachloroethane	9.051	117	34944	20.040	ng		98
19) n-Nitroso-di-n-propyla...	8.781	70	71879	21.946	ng		97
20) 3+4-Methylphenols	8.745	107	99056	20.491	ng		96
22) Acetophenone	8.804	105	129484	20.058	ng	#	99
24) Nitrobenzene	9.187	77	110994	20.328	ng		98
25) Isophorone	9.710	82	178836	20.082	ng		99
26) 2-Nitrophenol	9.898	139	42019	19.388	ng		96
27) 2,4-Dimethylphenol	9.951	122	70739	19.612	ng		96
28) bis(2-Chloroethoxy)met...	10.192	93	104347	20.030	ng		100
29) 2,4-Dichlorophenol	10.428	162	83456	19.722	ng		98
30) 1,2,4-Trichlorobenzene	10.645	180	96035	19.845	ng		97
31) Naphthalene	10.834	128	251977	19.793	ng		99
32) Benzoic acid	10.063	122	46559	18.114	ng		97
33) 4-Chloroaniline	10.951	127	103900	19.554	ng		97
34) Hexachlorobutadiene	11.104	225	63788	20.039	ng		97
35) Caprolactam	11.733	113	20273	19.761	ng		99
36) 4-Chloro-3-methylphenol	12.063	107	76255	19.817	ng		94
37) 2-Methylnaphthalene	12.439	142	176458	19.287	ng		98
38) 1-Methylnaphthalene	12.657	142	169945	19.696	ng		99
40) 1,2,4,5-Tetrachloroben...	12.804	216	114098	19.893	ng		98
41) Hexachlorocyclopentadiene	12.775	237	59953	19.018	ng		96
43) 2,4,6-Trichlorophenol	13.045	196	71145	19.377	ng		99

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44) 2,4,5-Trichlorophenol	13.116	196	85723	19.934	ng	97
46) 1,1'-Biphenyl	13.439	154	238460	19.528	ng	99
47) 2-Chloronaphthalene	13.486	162	186458	19.560	ng	99
48) 2-Nitroaniline	13.698	65	55440	19.804	ng	97
49) Acenaphthylene	14.327	152	292113	19.587	ng	99
50) Dimethylphthalate	14.063	163	230669	19.653	ng	99
51) 2,6-Dinitrotoluene	14.192	165	48364	19.580	ng	95
52) Acenaphthene	14.669	154	178020	19.572	ng	99
53) 3-Nitroaniline	14.522	138	47452	19.332	ng	99
54) 2,4-Dinitrophenol	14.727	184	31238	18.284	ng	96
55) Dibenzofuran	15.004	168	301623	19.835	ng	100
56) 4-Nitrophenol	14.822	139	39164	19.374	ng	91
57) 2,4-Dinitrotoluene	14.974	165	65477	19.555	ng	91
58) Fluorene	15.651	166	247207	20.047	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.227	232	70110	19.946	ng	98
60) Diethylphthalate	15.416	149	228241	19.857	ng	100
61) 4-Chlorophenyl-phenyle...	15.639	204	131552	20.320	ng	98
62) 4-Nitroaniline	15.680	138	49945	19.804	ng	96
63) Azobenzene	15.933	77	250606	20.578	ng	98
65) 4,6-Dinitro-2-methylph...	15.733	198	44250	18.612	ng	94
66) n-Nitrosodiphenylamine	15.857	169	211288	19.215	ng	99
67) 4-Bromophenyl-phenylether	16.533	248	78053	19.211	ng	97
68) Hexachlorobenzene	16.651	284	84481	19.270	ng	98
69) Atrazine	16.804	200	70318	19.168	ng	99
70) Pentachlorophenol	16.992	266	53956m	17.300	ng	
71) Phenanthrene	17.386	178	400799	19.595	ng	99
72) Anthracene	17.480	178	404508	19.435	ng	100
73) Carbazole	17.751	167	357846	19.523	ng	99
74) Di-n-butylphthalate	18.304	149	390752	19.404	ng	100
75) Fluoranthene	19.398	202	489777	19.923	ng	98
77) Benzidine	19.586	184	161547	18.203	ng	97
78) Pyrene	19.762	202	527459	19.341	ng	99
80) Butylbenzylphthalate	20.651	149	177000	18.769	ng	98
81) Benzo(a)anthracene	21.503	228	560166	20.185	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	177869	19.953	ng	97
83) Chrysene	21.556	228	539431	19.876	ng	100
84) Bis(2-ethylhexyl)phtha...	21.415	149	263249	19.262	ng	100
85) Di-n-octyl phthalate	22.345	149	469964	19.339	ng	99
87) Indeno(1,2,3-cd)pyrene	26.450	276	668439	19.571	ng	99
88) Benzo(b)fluoranthene	23.197	252	561999	20.184	ng	99
89) Benzo(k)fluoranthene	23.245	252	566737	19.671	ng	98
90) Benzo(a)pyrene	23.827	252	549417	19.903	ng	98
91) Dibenzo(a,h)anthracene	26.462	278	555162	19.527	ng	99
92) Benzo(g,h,i)perylene	27.221	276	569723	19.564	ng	99

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

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