Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051223\
Data File : BM039914.D
Acq On : 12 May 2023 12:12
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

Quant Time: May 13 02:02:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 13 02:01:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.037	152	339472	20.000	ng		0.00
21) Naphthalene-d8	10.854	136	1555258	20.000	ng		0.00
39) Acenaphthene-d10	14.671	164	967005	20.000	ng		0.00
64) Phenanthrene-d10	17.412	188	1988163	20.000	ng		0.00
76) Chrysene-d12	21.583	240	1789993	20.000	ng		0.00
86) Perylene-d12	24.047	264	1844387	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.572	112	218394	10.455	ng		0.00
7) Phenol-d6	7.178	99	276966	9.951	ng		0.00
23) Nitrobenzene-d5	9.201	82	210209	7.916	ng		0.00
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng		
45) 2-Fluorobiphenyl	13.301	172	700526	9.267	ng		0.00
79) Terphenyl-d14	20.024	244	972040	9.828	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.431	88	46884	5.940	ng		96
3) Pyridine	3.849	79	108060	4.835	ng		97
4) n-Nitrosodimethylamine	3.754	42	44964	5.591	ng	#	96
6) Aniline	7.354	93	175693	5.076	ng		99
8) 2-Chlorophenol	7.590	128	114717	4.908	ng		96
10) Phenol	7.201	94	144968	5.183	ng		99
11) bis(2-Chloroethyl)ether	7.448	93	126446	5.398	ng		94
12) 1,3-Dichlorobenzene	7.925	146	126873	5.246	ng		98
13) 1,4-Dichlorobenzene	8.072	146	130025	5.241	ng		99
14) 1,2-Dichlorobenzene	8.389	146	127470	5.196	ng		98
15) Benzyl Alcohol	8.272	79	85380	4.605	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.572	45	148703	5.718	ng		98
17) 2-Methylphenol	8.472	107	100973	4.914	ng		98
18) Hexachloroethane	9.125	117	42623	4.938	ng		97
19) n-Nitroso-di-n-propyla...	8.842	70	91711	4.964	ng	#	95
20) 3+4-Methylphenols	8.795	107	133611	4.890	ng		97
22) Acetophenone	8.860	105	204630	4.989	ng	#	96
24) Nitrobenzene	9.242	77	117497	4.377	ng		93
25) Isophorone	9.766	82	267323	4.888	ng		98
26) 2-Nitrophenol	9.960	139	23595	6.090	ng		97
27) 2,4-Dimethylphenol	10.013	122	102877	4.422	ng		98
28) bis(2-Chloroethoxy)met...	10.254	93	166075	4.955	ng		98
29) 2,4-Dichlorophenol	10.489	162	90088	4.077	ng		99
30) 1,2,4-Trichlorobenzene	10.713	180	114554	4.742	ng		98
31) Naphthalene	10.901	128	422440	5.006	ng		98
33) 4-Chloroaniline	11.007	127	169648	4.593	ng		96
34) Hexachlorobutadiene	11.189	225	63689	4.625	ng		98
35) Caprolactam	11.754	113	24870m	3.746	ng		
36) 4-Chloro-3-methylphenol	12.119	107	105862	4.482	ng		96
37) 2-Methylnaphthalene	12.507	142	284733	4.737	ng		99
38) 1-Methylnaphthalene	12.725	142	270930	4.785	ng		99
40) 1,2,4,5-Tetrachloroben...	12.866	216	123369	4.229	ng		98
43) 2,4,6-Trichlorophenol	13.101	196	66119	3.710	ng		99
44) 2,4,5-Trichlorophenol	13.166	196	79212	3.767	ng	#	93
46) 1,1'-Biphenyl	13.507	154	368083	4.595	ng		98
47) 2-Chloronaphthalene	13.548	162	270607	4.554	ng		97

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48) 2-Nitroaniline	13.742	65	29841	6.801	ng		91
49) Acenaphthylene	14.389	152	424060	4.426	ng		99
50) Dimethylphthalate	14.124	163	347506	4.608	ng		99
51) 2,6-Dinitrotoluene	14.236	165	41858	6.538	ng	#	79
52) Acenaphthene	14.730	154	277902	4.452	ng		99
53) 3-Nitroaniline	14.566	138	46645	6.309	ng	#	94
55) Dibenzofuran	15.066	168	438325	4.711	ng		99
57) 2,4-Dinitrotoluene	15.018	165	46035	7.056	ng		90
58) Fluorene	15.713	166	352040	4.306	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.283	232	66473	3.844	ng		94
60) Diethylphthalate	15.483	149	354085	4.554	ng		97
61) 4-Chlorophenyl-phenyle...	15.707	204	168261	4.147	ng		92
62) 4-Nitroaniline	15.718	138	52595	5.393	ng		93
63) Azobenzene	16.001	77	377061	5.069	ng		95
66) n-Nitrosodiphenylamine	15.918	169	284490	4.152	ng		99
67) 4-Bromophenyl-phenylether	16.601	248	91786	3.968	ng	#	91
68) Hexachlorobenzene	16.712	284	116134	4.264	ng	#	92
69) Atrazine	16.865	200	64734	3.697	ng		96
71) Phenanthrene	17.454	178	542951	4.626	ng		99
72) Anthracene	17.542	178	503984	4.291	ng		99
73) Carbazole	17.807	167	463490	4.372	ng		99
74) Di-n-butylphthalate	18.383	149	447554	3.745	ng	#	98
75) Fluoranthene	19.459	202	497087	4.217	ng		96
77) Benzidine	19.642	184	91456	3.799	ng		99
78) Pyrene	19.818	202	532254	4.189	ng		100
80) Butylbenzylphthalate	20.724	149	75501	6.436	ng	#	85
81) Benzo(a)anthracene	21.571	228	553847	4.504	ng		99
83) Chrysene	21.624	228	525840	4.540	ng		98
84) Bis(2-ethylhexyl)phtha...	21.506	149	181281	6.703	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.612	276	501842	3.844	ng		96
88) Benzo(b)fluoranthene	23.294	252	450895	3.744	ng		98
89) Benzo(k)fluoranthene	23.341	252	505883	3.894	ng	#	97
90) Benzo(a)pyrene	23.936	252	411930	3.701	ng		98
91) Dibenzo(a,h)anthracene	26.635	278	429670	3.794	ng		97
92) Benzo(g,h,i)perylene	27.400	276	404315	4.146	ng		98

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

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