Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032923\
Data File : BM039202.D
Acq On : 29 Mar 2023 12:56
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 30 04:46:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 30 04:40:03 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/30/2023
Supervised By :Jagrut Upadhyay 03/30/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	207778	20.000	ng		0.00
21) Naphthalene-d8	10.739	136	836219	20.000	ng		0.00
39) Acenaphthene-d10	14.574	164	486087	20.000	ng		0.00
64) Phenanthrene-d10	17.321	188	1022158	20.000	ng		0.00
76) Chrysene-d12	21.503	240	952178	20.000	ng		0.00
86) Perylene-d12	23.921	264	1084111	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	281377	20.403	ng		0.00
7) Phenol-d6	7.092	99	361589	20.271	ng		0.00
23) Nitrobenzene-d5	9.092	82	335738	19.514	ng		0.00
42) 2,4,6-Tribromophenol	16.062	330	120489	19.527	ng		0.00
45) 2-Fluorobiphenyl	13.198	172	721191	20.102	ng		0.00
79) Terphenyl-d14	19.939	244	1044403	20.265	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.357	88	58433	10.366	ng		98
3) Pyridine	3.769	79	154361	9.899	ng		99
4) n-Nitrosodimethylamine	3.675	42	61737	9.954	ng	#	98
6) Aniline	7.251	93	218259	9.886	ng		99
8) 2-Chlorophenol	7.487	128	142920	10.125	ng		98
9) Benzaldehyde	7.063	77	120168	11.829	ng		99
10) Phenol	7.122	94	179993	10.069	ng		98
11) bis(2-Chloroethyl)ether	7.351	93	146045	10.156	ng		98
12) 1,3-Dichlorobenzene	7.816	146	152345	10.177	ng		99
13) 1,4-Dichlorobenzene	7.963	146	155452	10.270	ng		99
14) 1,2-Dichlorobenzene	8.281	146	148975	10.293	ng		97
15) Benzyl Alcohol	8.175	79	122164	9.957	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.463	45	188923m	10.265	ng		
17) 2-Methylphenol	8.381	107	125071	10.000	ng		100
18) Hexachloroethane	9.010	117	60012	10.250	ng		97
19) n-Nitroso-di-n-propyla...	8.739	70	116335	10.202	ng		99
20) 3+4-Methylphenols	8.704	107	166642	9.916	ng		99
22) Acetophenone	8.757	105	217805	9.742	ng	#	99
24) Nitrobenzene	9.139	77	168000	9.817	ng		99
25) Isophorone	9.663	82	310657	9.679	ng		99
26) 2-Nitrophenol	9.851	139	73427	9.282	ng		99
27) 2,4-Dimethylphenol	9.916	122	126979	9.661	ng		99
28) bis(2-Chloroethoxy)met...	10.151	93	190773	9.818	ng		100
29) 2,4-Dichlorophenol	10.392	162	122409	9.545	ng		99
30) 1,2,4-Trichlorobenzene	10.604	180	133328	9.718	ng		98
31) Naphthalene	10.786	128	445909	9.896	ng		100
32) Benzoic acid	10.010	122	82111	8.015	ng		99
33) 4-Chloroaniline	10.904	127	190000	9.625	ng		99
34) Hexachlorobutadiene	11.075	225	79666	9.875	ng		99
35) Caprolactam	11.680	113	41716	9.368	ng		91
36) 4-Chloro-3-methylphenol	12.033	107	136569	9.652	ng		98
37) 2-Methylnaphthalene	12.398	142	309827	9.877	ng		100
38) 1-Methylnaphthalene	12.616	142	291398	9.921	ng		97
40) 1,2,4,5-Tetrachloroben...	12.769	216	146694	9.912	ng		99
41) Hexachlorocyclopentadiene	12.745	237	71619	8.858	ng		97
43) 2,4,6-Trichlorophenol	13.010	196	95605	9.472	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	113013	9.551	ng	98
46) 1,1'-Biphenyl	13.410	154	378980	9.873	ng	99
47) 2-Chloronaphthalene	13.451	162	288464	9.925	ng	100
48) 2-Nitroaniline	13.657	65	93002	9.509	ng	98
49) Acenaphthylene	14.298	152	474567	9.935	ng	99
50) Dimethylphthalate	14.033	163	374500	9.997	ng	99
51) 2,6-Dinitrotoluene	14.151	165	77114	9.572	ng	94
52) Acenaphthene	14.639	154	280933	9.960	ng	99
53) 3-Nitroaniline	14.486	138	87872	9.435	ng	98
54) 2,4-Dinitrophenol	14.692	184	35799	7.504	ng	95
55) Dibenzofuran	14.968	168	456516	10.053	ng	100
56) 4-Nitrophenol	14.798	139	62776	8.771	ng	96
57) 2,4-Dinitrotoluene	14.939	165	102337	9.391	ng	92
58) Fluorene	15.621	166	361021	10.040	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.198	232	92001	9.774	ng	99
60) Diethylphthalate	15.392	149	373386	9.903	ng	100
61) 4-Chlorophenyl-phenyle...	15.615	204	179722	10.085	ng	99
62) 4-Nitroaniline	15.645	138	89518	9.367	ng	95
63) Azobenzene	15.904	77	368311	9.750	ng	98
65) 4,6-Dinitro-2-methylph...	15.704	198	53386	7.939	ng	99
66) n-Nitrosodiphenylamine	15.827	169	312857	9.713	ng	100
67) 4-Bromophenyl-phenylether	16.509	248	104854	9.605	ng	97
68) Hexachlorobenzene	16.621	284	115020	9.718	ng	95
69) Atrazine	16.780	200	100675	9.869	ng	99
70) Pentachlorophenol	16.974	266	75638	8.907	ng	99
71) Phenanthrene	17.362	178	557193	9.953	ng	100
72) Anthracene	17.451	178	556574	9.750	ng	98
73) Carbazole	17.727	167	523989	9.824	ng	99
74) Di-n-butylphthalate	18.286	149	641845	9.728	ng	99
75) Fluoranthene	19.380	202	635364	9.956	ng	98
77) Benzidine	19.568	184	237758	9.467	ng	99
78) Pyrene	19.745	202	665194	9.813	ng	99
80) Butylbenzylphthalate	20.639	149	298501	9.612	ng	99
81) Benzo(a)anthracene	21.486	228	660622	9.837	ng	99
82) 3,3'-Dichlorobenzidine	21.421	252	221201	9.888	ng	100
83) Chrysene	21.539	228	633377	9.770	ng	99
84) Bis(2-ethylhexyl)phtha...	21.409	149	451294	9.840	ng	99
85) Di-n-octyl phthalate	22.338	149	803313	9.722	ng	100
87) Indeno(1,2,3-cd)pyrene	26.432	276	767509	9.609	ng	99
88) Benzo(b)fluoranthene	23.180	252	635094	9.574	ng	99
89) Benzo(k)fluoranthene	23.233	252	667415	9.878	ng	98
90) Benzo(a)pyrene	23.809	252	628207	9.640	ng	99
91) Dibenzo(a,h)anthracene	26.444	278	645736	9.628	ng	99
92) Benzo(g,h,i)perylene	27.203	276	632298	9.586	ng	99

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

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