Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011623\
Data File : BM038451.D
Acq On : 16 Jan 2023 13:47
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 17 02:14:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 02:09:55 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
01/17/2023
Supervised By :Jagrut Upadhyay
01/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.981	152	41114	20.000	ng		0.00
21) Naphthalene-d8	10.792	136	150218	20.000	ng		0.00
39) Acenaphthene-d10	14.616	164	94796	20.000	ng		0.00
64) Phenanthrene-d10	17.357	188	222230	20.000	ng		0.00
76) Chrysene-d12	21.527	240	256306	20.000	ng		0.00
86) Perylene-d12	23.950	264	334506	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	28373	10.686	ng		0.00
7) Phenol-d6	7.146	99	38988	10.696	ng		0.00
23) Nitrobenzene-d5	9.151	82	34667	8.802	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	13482	8.761	ng		0.00
45) 2-Fluorobiphenyl	13.239	172	69085	8.577	ng		0.00
79) Terphenyl-d14	19.968	244	119702	8.356	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	7318	5.889	ng		97
3) Pyridine	3.822	79	18695m	5.028	ng		
4) n-Nitrosodimethylamine	3.722	42	11979	4.966	ng	#	94
6) Aniline	7.310	93	24269	5.265	ng		95
8) 2-Chlorophenol	7.546	128	14384	5.262	ng		95
10) Phenol	7.169	94	19962	5.267	ng		96
11) bis(2-Chloroethyl)ether	7.404	93	17137	5.579	ng		90
12) 1,3-Dichlorobenzene	7.869	146	14844	5.144	ng		94
13) 1,4-Dichlorobenzene	8.016	146	15045	5.132	ng		98
14) 1,2-Dichlorobenzene	8.334	146	14865	5.145	ng		93
15) Benzyl Alcohol	8.234	79	12640	4.024	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.516	45	21451	4.453	ng		94
17) 2-Methylphenol	8.428	107	12026	4.583	ng		96
18) Hexachloroethane	9.063	117	5615	4.526	ng	#	81
19) n-Nitroso-di-n-propyla...	8.793	70	12374	4.179	ng		98
20) 3+4-Methylphenols	8.757	107	15493	4.349	ng		99
22) Acetophenone	8.816	105	21782	4.693	ng	#	98
24) Nitrobenzene	9.198	77	19179	4.658	ng		99
25) Isophorone	9.722	82	29644	4.148	ng	#	97
26) 2-Nitrophenol	9.910	139	5583	3.937	ng		93
27) 2,4-Dimethylphenol	9.969	122	10570	4.378	ng		91
28) bis(2-Chloroethoxy)met...	10.204	93	17037	4.297	ng		99
29) 2,4-Dichlorophenol	10.445	162	11138	4.231	ng		92
30) 1,2,4-Trichlorobenzene	10.657	180	14536	4.928	ng		92
31) Naphthalene	10.845	128	38569	4.692	ng		97
33) 4-Chloroaniline	10.969	127	15175	4.205	ng		96
34) Hexachlorobutadiene	11.116	225	10764	5.393	ng		97
35) Caprolactam	11.739	113	2947	3.871	ng	#	83
36) 4-Chloro-3-methylphenol	12.081	107	12203	4.111	ng		90
37) 2-Methylnaphthalene	12.445	142	26618	4.330	ng		98
38) 1-Methylnaphthalene	12.669	142	24045	4.164	ng		99
40) 1,2,4,5-Tetrachloroben...	12.816	216	16546	4.706	ng		99
41) Hexachlorocyclopentadiene	12.786	237	8323	4.180	ng		92
43) 2,4,6-Trichlorophenol	13.057	196	9639	4.153	ng		96
44) 2,4,5-Trichlorophenol	13.133	196	11547	4.211	ng		96
46) 1,1'-Biphenyl	13.451	154	34367	4.426	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	13.498	162	26795	4.481	ng		98
48)	2-Nitroaniline	13.710	65	7655	3.293	ng	#	87
49)	Acenaphthylene	14.339	152	41315	4.374	ng		99
50)	Dimethylphthalate	14.075	163	36377	4.587	ng	#	97
51)	2,6-Dinitrotoluene	14.198	165	6604	4.083	ng		93
52)	Acenaphthene	14.680	154	24934	4.310	ng		93
53)	3-Nitroaniline	14.533	138	5852	3.589	ng		90
55)	Dibenzofuran	15.010	168	43339	4.440	ng		93
57)	2,4-Dinitrotoluene	14.986	165	8510	3.718	ng	#	95
58)	Fluorene	15.657	166	34027	4.058	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.239	232	10258	4.377	ng	#	99
60)	Diethylphthalate	15.427	149	37215	4.449	ng		97
61)	4-Chlorophenyl-phenyle...	15.651	204	19285	4.315	ng		96
62)	4-Nitroaniline	15.692	138	5517	3.182	ng		90
63)	Azobenzene	15.945	77	39914	4.134	ng		98
66)	n-Nitrosodiphenylamine	15.869	169	29614	4.288	ng		98
67)	4-Bromophenyl-phenylether	16.545	248	11754	4.492	ng		93
68)	Hexachlorobenzene	16.657	284	13432	4.792	ng	#	90
69)	Atrazine	16.816	200	10642	4.367	ng		95
70)	Pentachlorophenol	17.010	266	8486	3.902	ng		92
71)	Phenanthrene	17.398	178	56024	4.382	ng		99
72)	Anthracene	17.492	178	57262	4.339	ng		99
73)	Carbazole	17.763	167	48257	4.217	ng	#	97
74)	Di-n-butylphthalate	18.315	149	56840	3.879	ng		97
75)	Fluoranthene	19.410	202	68092	4.273	ng		97
77)	Benzidine	19.598	184	25227	4.553	ng		95
78)	Pyrene	19.768	202	73666	4.046	ng		99
80)	Butylbenzylphthalate	20.656	149	26482	3.672	ng		90
81)	Benzo(a)anthracene	21.515	228	83828	4.490	ng		99
82)	3,3'-Dichlorobenzidine	21.445	252	25808	4.335	ng		96
83)	Chrysene	21.568	228	83605	4.703	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.427	149	37731	3.487	ng		94
85)	Di-n-octyl phthalate	22.350	149	70488	3.923	ng		97
87)	Indeno(1,2,3-cd)pyrene	26.468	276	114919	5.188	ng		98
88)	Benzo(b)fluoranthene	23.209	252	91991m	4.201	ng		
89)	Benzo(k)fluoranthene	23.256	252	95058	4.193	ng		97
90)	Benzo(a)pyrene	23.839	252	87720	4.200	ng		99
91)	Dibenzo(a,h)anthracene	26.486	278	97010	5.175	ng		95
92)	Benzo(g,h,i)perylene	27.250	276	99743	5.702	ng		96

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

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