Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020824\
Data File : BM044024.D
Acq On : 08 Feb 2024 16:20
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 09 02:37:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 09 02:29:56 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	374649	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	1533060	20.000	ng		0.00
39) Acenaphthene-d10	14.557	164	859211	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	1688964	20.000	ng		0.00
76) Chrysene-d12	21.509	240	1351837	20.000	ng		0.00
86) Perylene-d12	23.903	264	1598898	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	2529772	98.209	ng		0.00
7) Phenol-d6	7.081	99	3212473	98.017	ng		0.00
23) Nitrobenzene-d5	9.087	82	2881275	99.729	ng		0.00
42) 2,4,6-Tribromophenol	16.051	330	957754	102.952	ng		0.00
45) 2-Fluorobiphenyl	13.180	172	5837299	95.882	ng		0.00
79) Terphenyl-d14	19.945	244	7304676	94.725	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	497378	48.653	ng		99
3) Pyridine	3.781	79	1334310m	49.404	ng		
4) n-Nitrosodimethylamine	3.705	42	517415	50.527	ng		97
6) Aniline	7.246	93	1609013	49.931	ng		100
8) 2-Chlorophenol	7.475	128	1325402	49.272	ng		98
9) Benzaldehyde	7.057	77	784800	46.596	ng		97
10) Phenol	7.110	94	1637016	49.491	ng		98
11) bis(2-Chloroethyl)ether	7.346	93	1348824	49.243	ng		100
12) 1,3-Dichlorobenzene	7.798	146	1484649	48.612	ng		99
13) 1,4-Dichlorobenzene	7.946	146	1496917	48.625	ng		99
14) 1,2-Dichlorobenzene	8.263	146	1425888	48.609	ng		99
15) Benzyl Alcohol	8.157	79	1067089	50.004	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.451	45	1692273	48.736	ng		99
17) 2-Methylphenol	8.357	107	1069852	49.273	ng		99
18) Hexachloroethane	8.981	117	564378	48.963	ng		97
19) n-Nitroso-di-n-propyla...	8.734	70	976424	48.518	ng		99
20) 3+4-Methylphenols	8.693	107	1468969	49.156	ng		98
22) Acetophenone	8.745	105	1922603	49.408	ng	#	99
24) Nitrobenzene	9.128	77	1470092	49.690	ng		98
25) Isophorone	9.651	82	2768402	49.763	ng		100
26) 2-Nitrophenol	9.834	139	718046	52.348	ng		97
27) 2,4-Dimethylphenol	9.892	122	886395	50.538	ng		98
28) bis(2-Chloroethoxy)met...	10.140	93	1779965	49.473	ng		100
29) 2,4-Dichlorophenol	10.363	162	1176874	50.965	ng		99
30) 1,2,4-Trichlorobenzene	10.575	180	1288849	49.636	ng		98
31) Naphthalene	10.763	128	4177699	49.375	ng		100
32) Benzoic acid	10.045	122	935735	52.963	ng		98
33) 4-Chloroaniline	10.887	127	1606697	50.147	ng		99
34) Hexachlorobutadiene	11.039	225	738862	49.713	ng		100
35) Caprolactam	11.686	113	386699	52.041	ng		97
36) 4-Chloro-3-methylphenol	12.004	107	1265251	50.601	ng		100
37) 2-Methylnaphthalene	12.375	142	2756702	48.912	ng		98
38) 1-Methylnaphthalene	12.598	142	2706179	48.865	ng		99
40) 1,2,4,5-Tetrachloroben...	12.739	216	1249172	50.018	ng		100
41) Hexachlorocyclopentadiene	12.710	237	557884	51.186	ng		99
43) 2,4,6-Trichlorophenol	12.986	196	877809	51.647	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	958637	51.396	ng	98
46) 1,1'-Biphenyl	13.392	154	3340098	49.265	ng	100
47) 2-Chloronaphthalene	13.433	162	2659975	49.528	ng	99
48) 2-Nitroaniline	13.645	65	783948	51.887	ng	100
49) Acenaphthylene	14.280	152	3980677	49.682	ng	100
50) Dimethylphthalate	14.027	163	3156950	49.555	ng	100
51) 2,6-Dinitrotoluene	14.145	165	712495	50.693	ng	98
52) Acenaphthene	14.622	154	2433561	49.075	ng	100
53) 3-Nitroaniline	14.475	138	788961	52.232	ng	98
54) 2,4-Dinitrophenol	14.680	184	396123	49.255	ng	93
55) Dibenzofuran	14.957	168	3743959	48.780	ng	99
56) 4-Nitrophenol	14.774	139	668927	54.477	ng	99
57) 2,4-Dinitrotoluene	14.933	165	963456	52.447	ng	97
58) Fluorene	15.604	166	2833802	47.781	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.180	232	732745	50.066	ng	99
60) Diethylphthalate	15.392	149	3267290	49.626	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	1373525	47.795	ng	99
62) 4-Nitroaniline	15.639	138	794685	52.265	ng	99
63) Azobenzene	15.898	77	3054708	49.453	ng	100
65) 4,6-Dinitro-2-methylph...	15.692	198	533660	53.025	ng	92
66) n-Nitrosodiphenylamine	15.821	169	2534708	49.397	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	849794	50.890	ng	98
68) Hexachlorobenzene	16.598	284	1004897	49.126	ng	98
69) Atrazine	16.780	200	650615	46.827	ng	99
70) Pentachlorophenol	16.951	266	692888	52.070	ng	100
71) Phenanthrene	17.351	178	4358059	48.864	ng	100
72) Anthracene	17.439	178	4353127	49.301	ng	100
73) Carbazole	17.715	167	4249461	49.488	ng	99
74) Di-n-butylphthalate	18.292	149	5725360	51.296	ng	100
75) Fluoranthene	19.368	202	4984205	49.750	ng	100
77) Benzidine	19.562	184	1163160	55.367	ng	99
78) Pyrene	19.733	202	5182092	49.774	ng	100
80) Butylbenzylphthalate	20.656	149	2466816	53.304	ng	96
81) Benzo(a)anthracene	21.492	228	4699401	49.976	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	1561258	50.603	ng	98
83) Chrysene	21.545	228	4418723	49.738	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	3517061	51.508	ng	99
85) Di-n-octyl phthalate	22.380	149	6417206	53.812	ng	100
87) Indeno(1,2,3-cd)pyrene	26.391	276	5656222	49.982	ng	100
88) Benzo(b)fluoranthene	23.180	252	5037000	50.396	ng	100
89) Benzo(k)fluoranthene	23.227	252	4635804	48.812	ng	99
90) Benzo(a)pyrene	23.797	252	4372632	50.087	ng	100
91) Dibenzo(a,h)anthracene	26.421	278	4695837	49.609	ng	99
92) Benzo(g,h,i)perylene	27.162	276	4798252	49.982	ng	100

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

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